

Fig 1

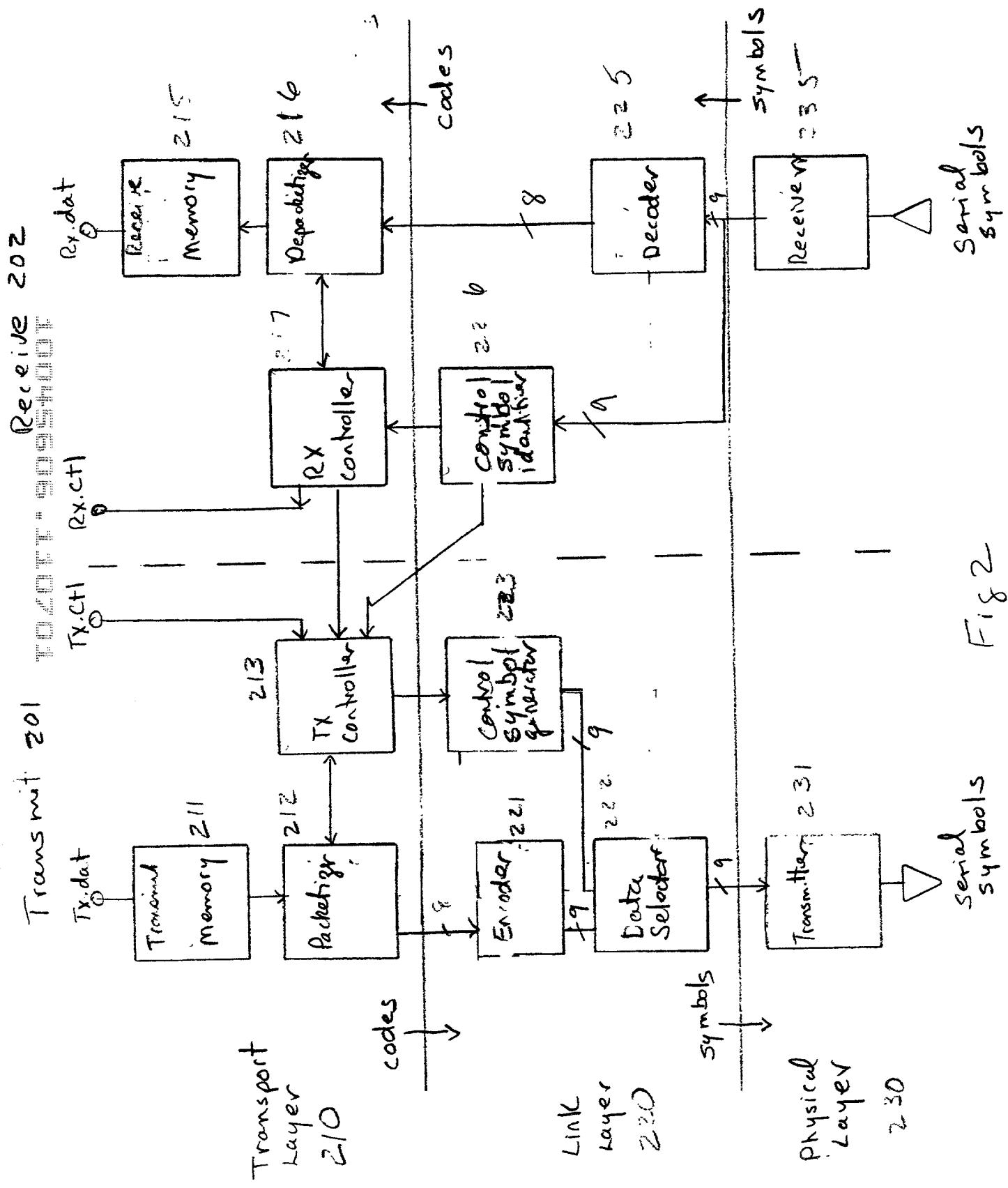


Fig 2

Physical Layer 230

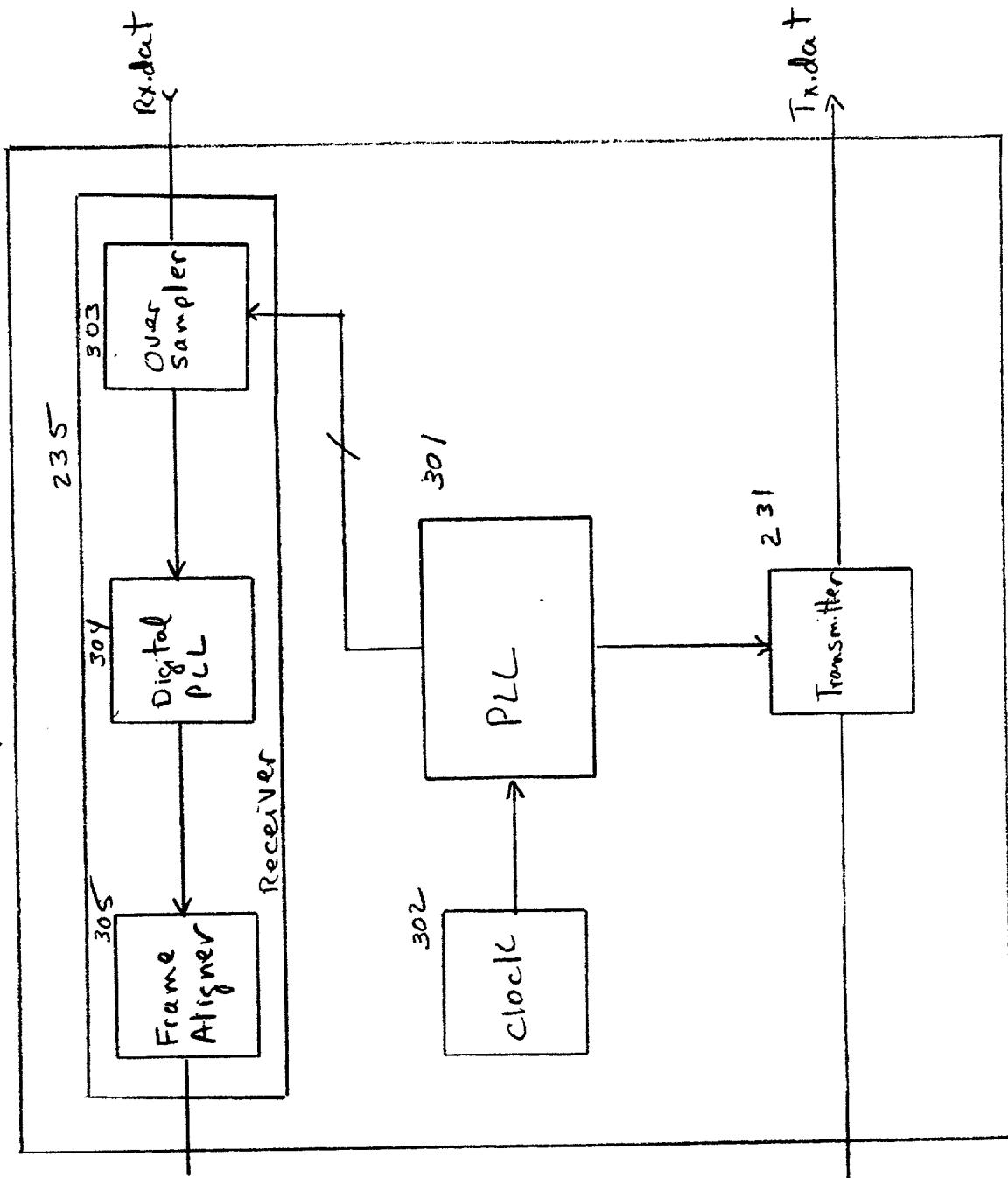


Fig 3

Packet

400

Large →

Medium →

Small →

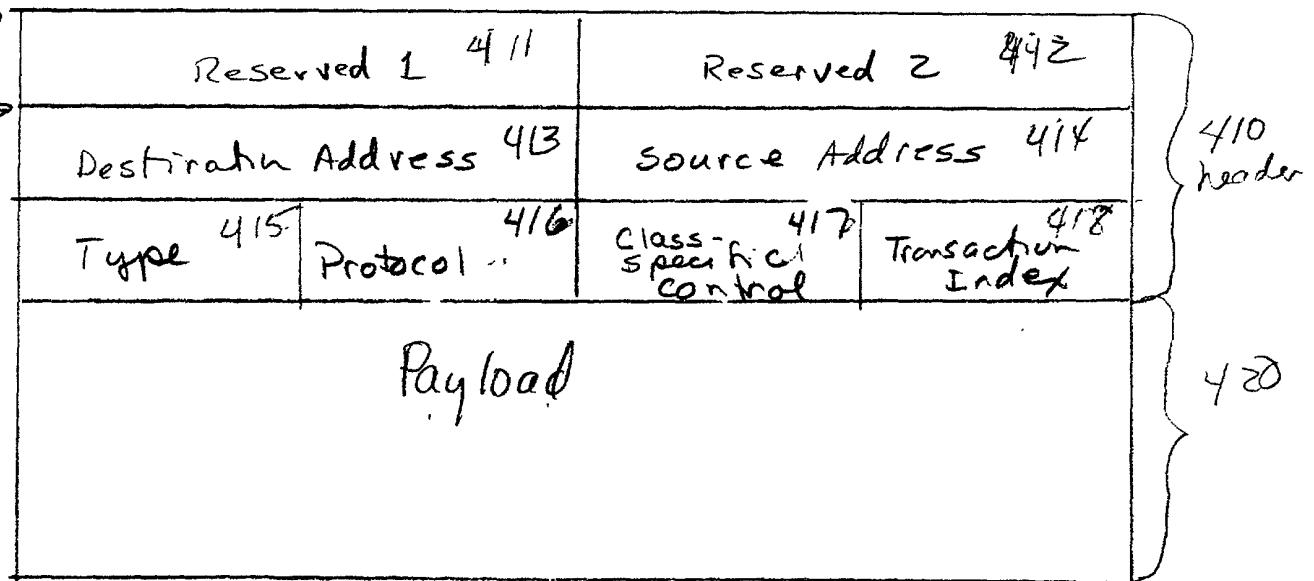
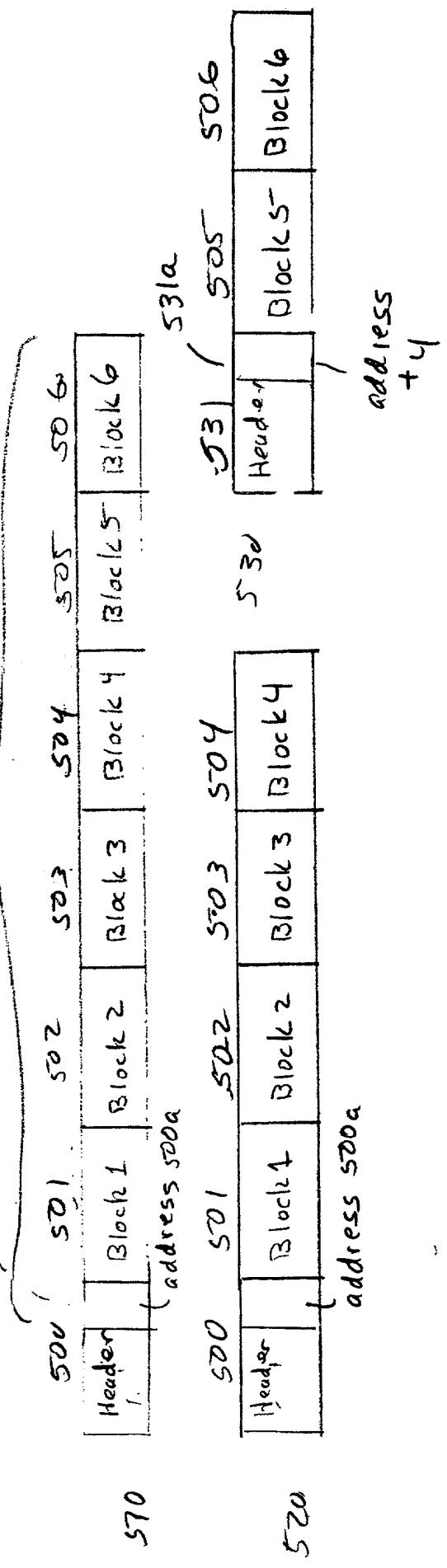


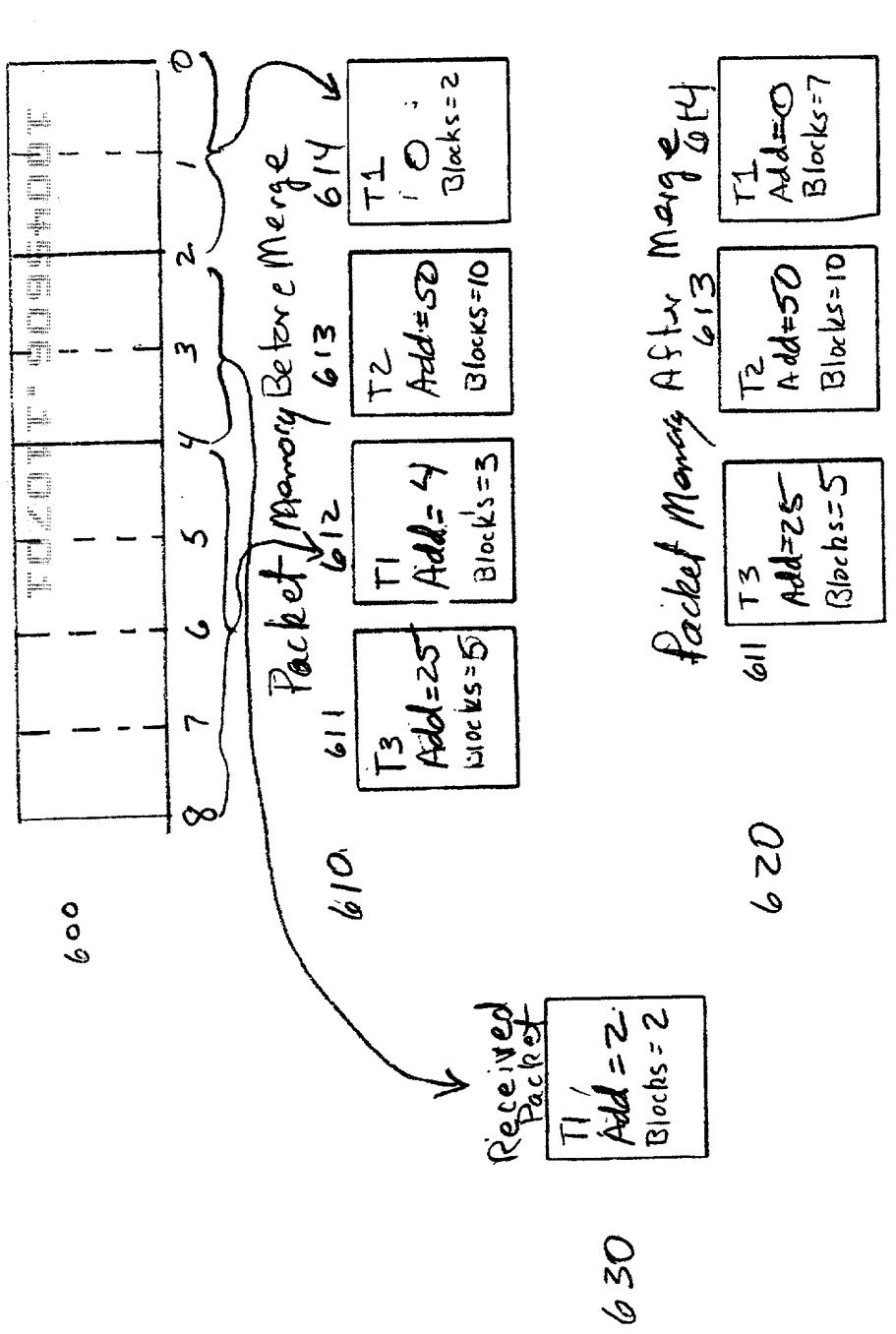
Fig 4

To Payload \$1



address
+4

F.45



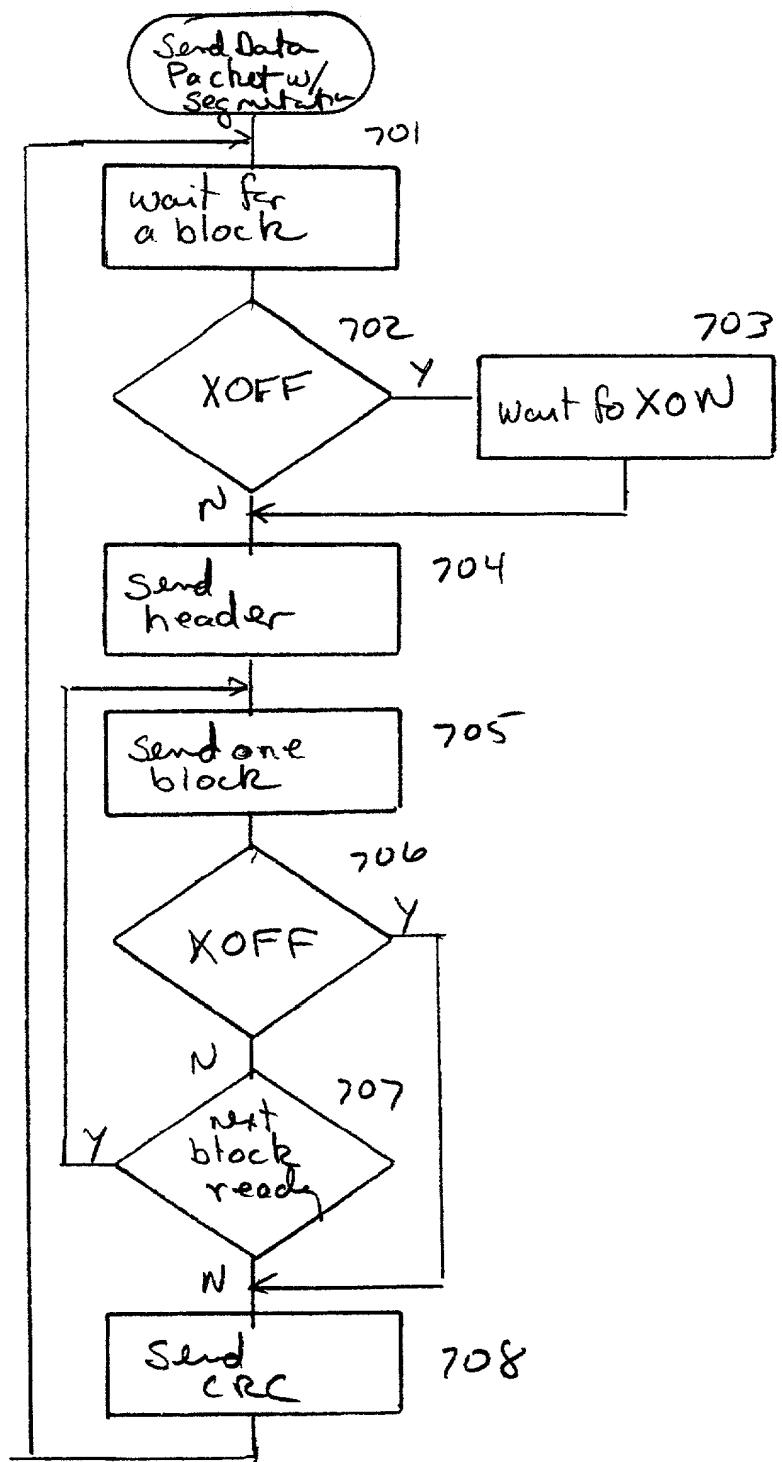


Fig 7

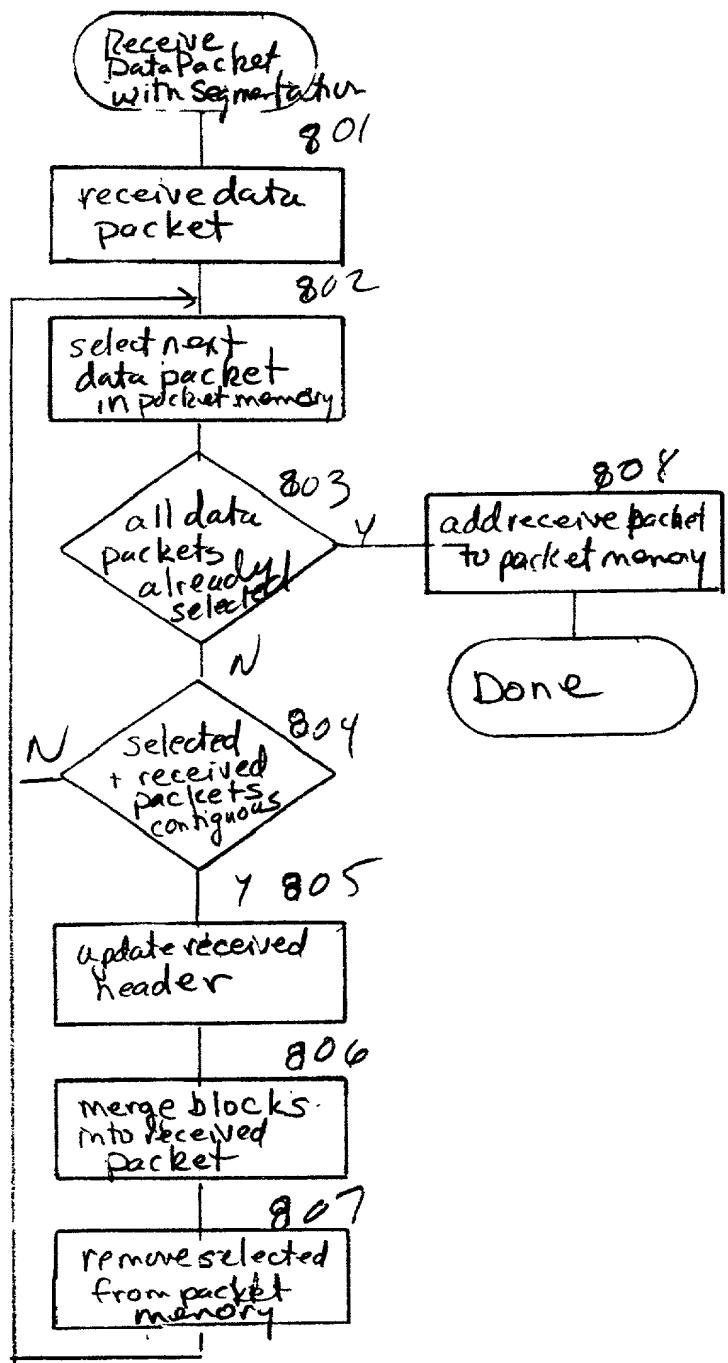
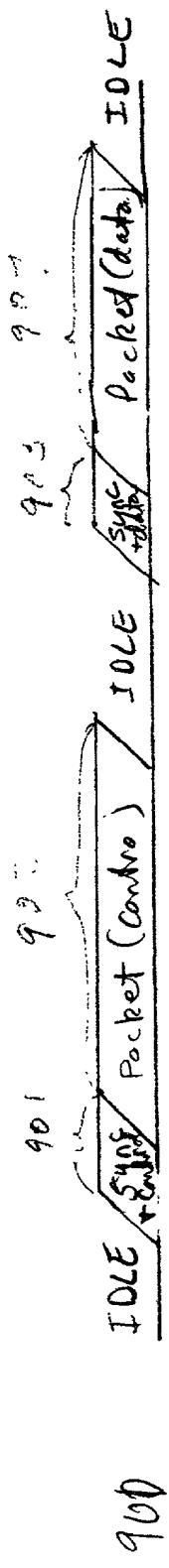


Fig 8

WIRELESS COMMUNICATION



Sync + Frame type

Fig 9A

FIG. 10

Fig 9 B

9/0

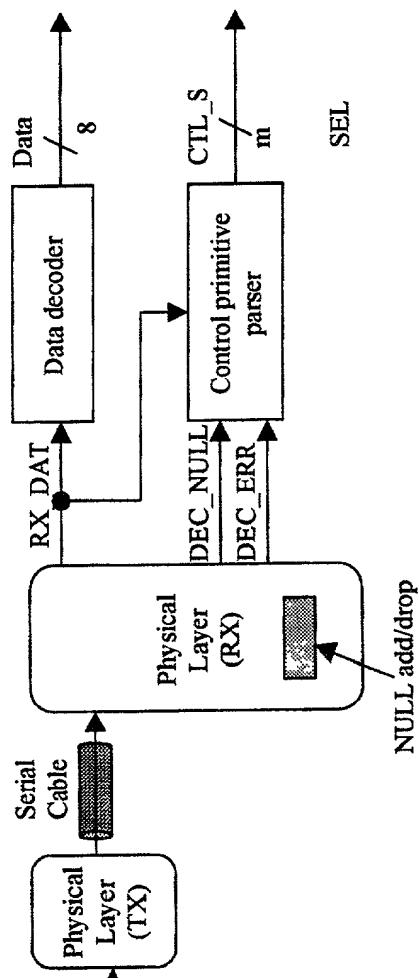
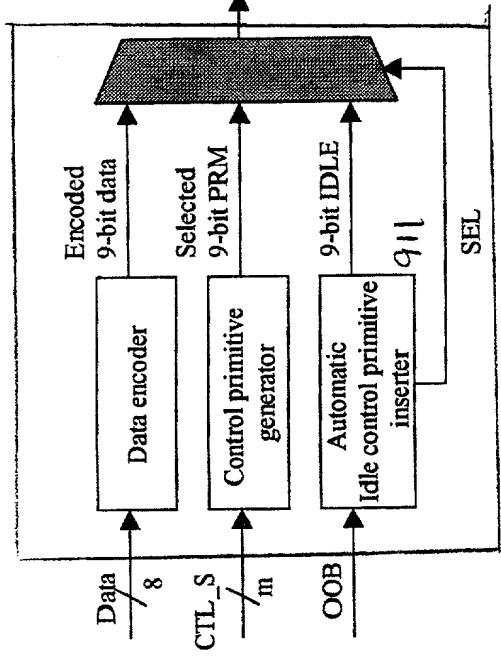


Fig. 9C

Packet Memory

211

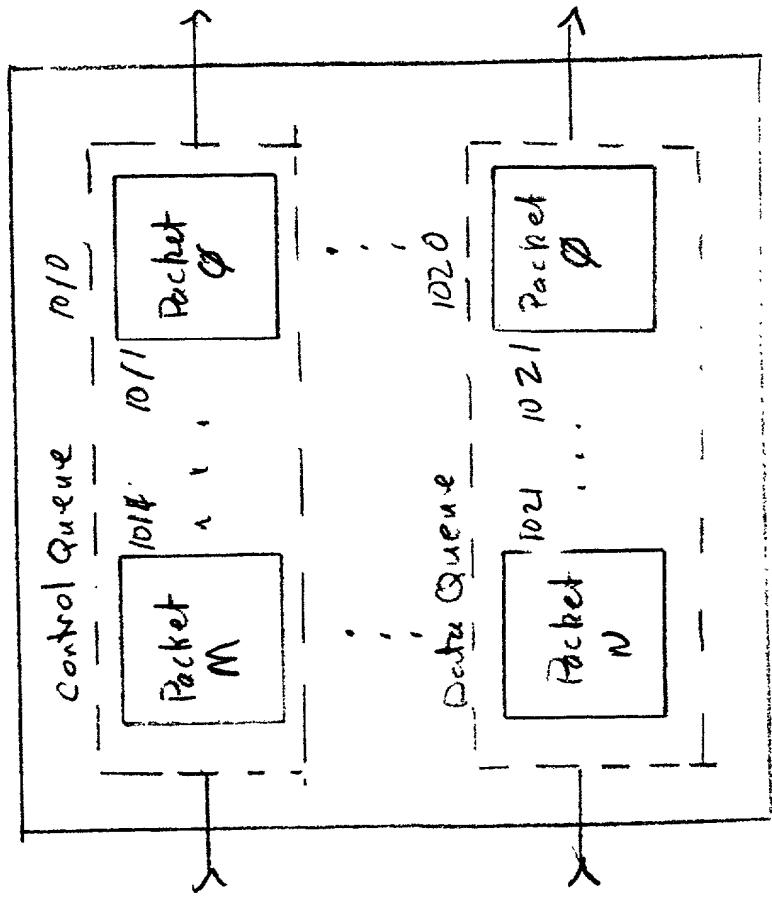


Fig 10

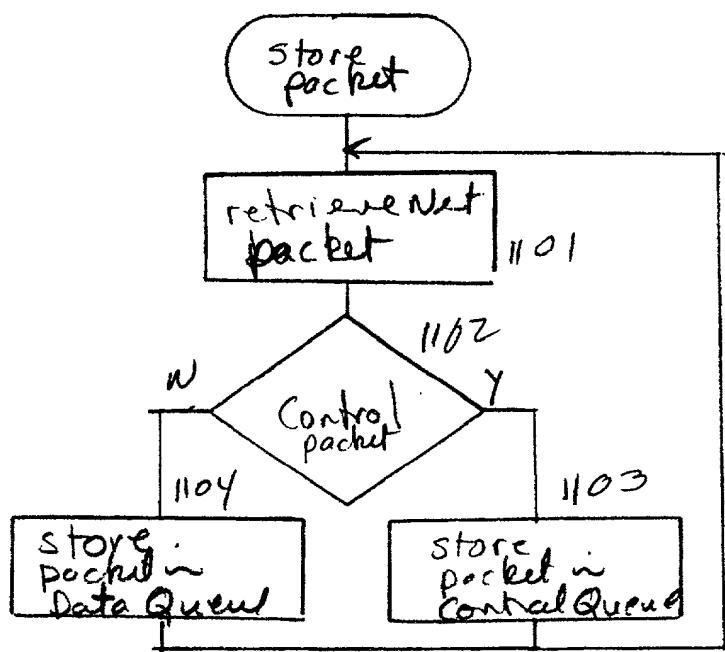


Fig 11

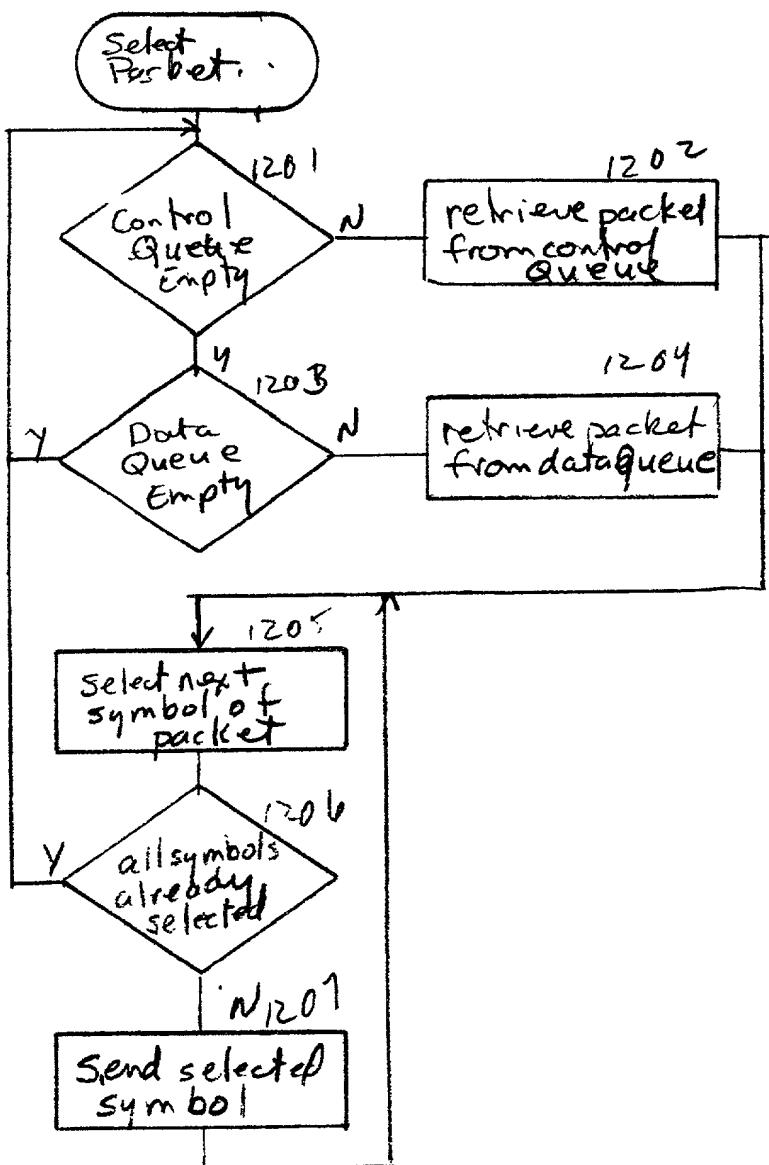


Fig 12

1300 1301 1302 1303 1304 1305

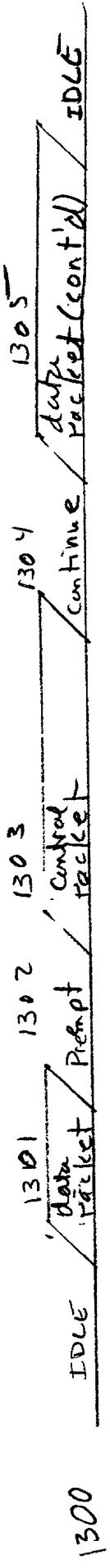


Fig 13

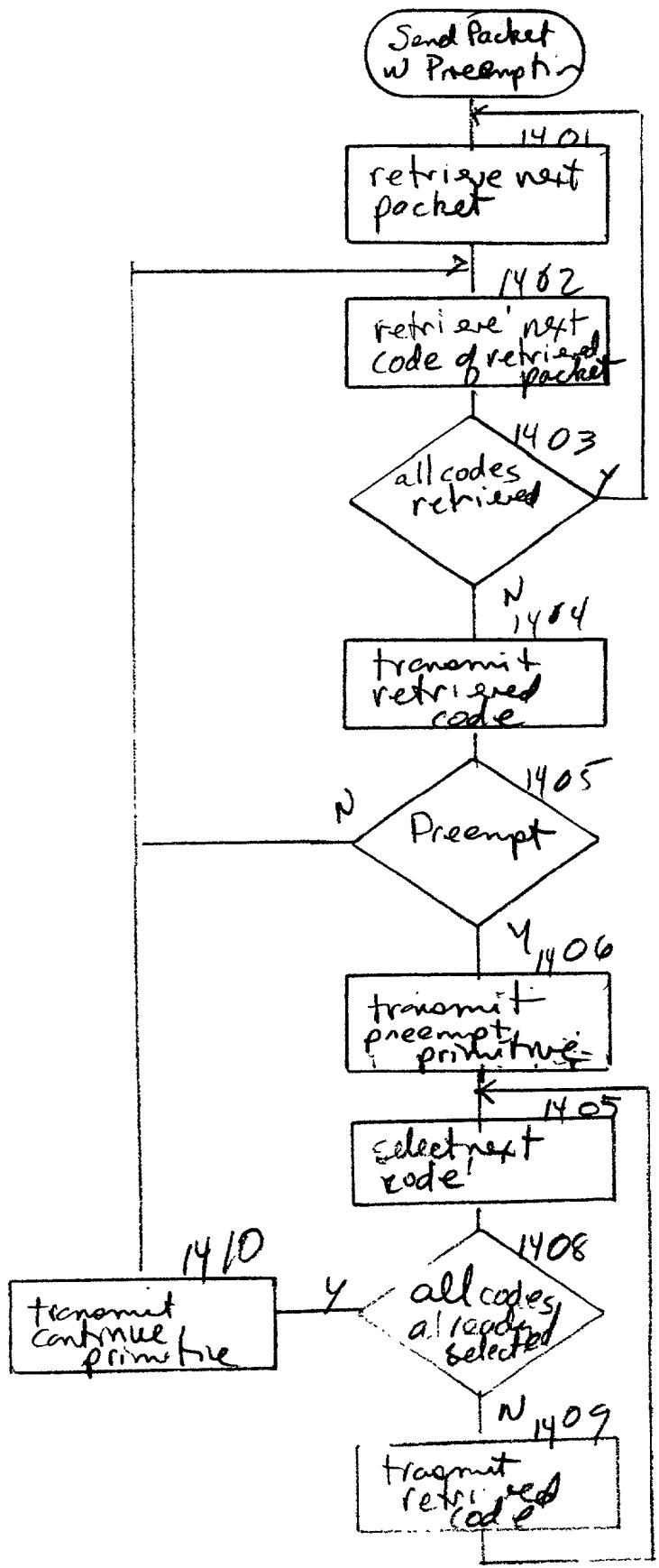


Fig 14

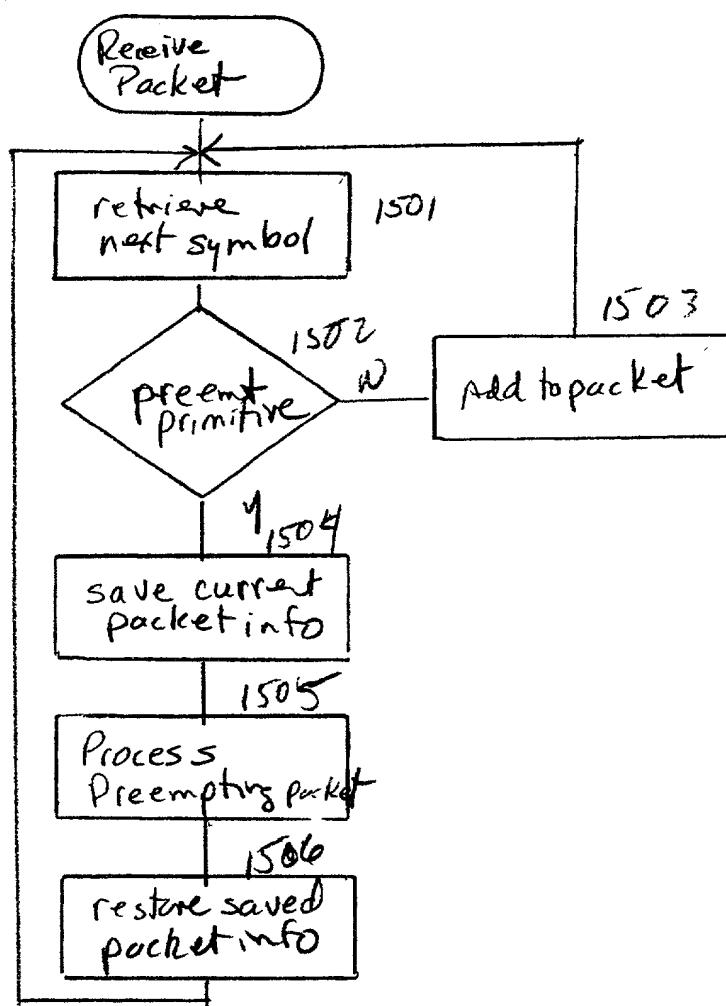


Fig 15

Switch Network 1630

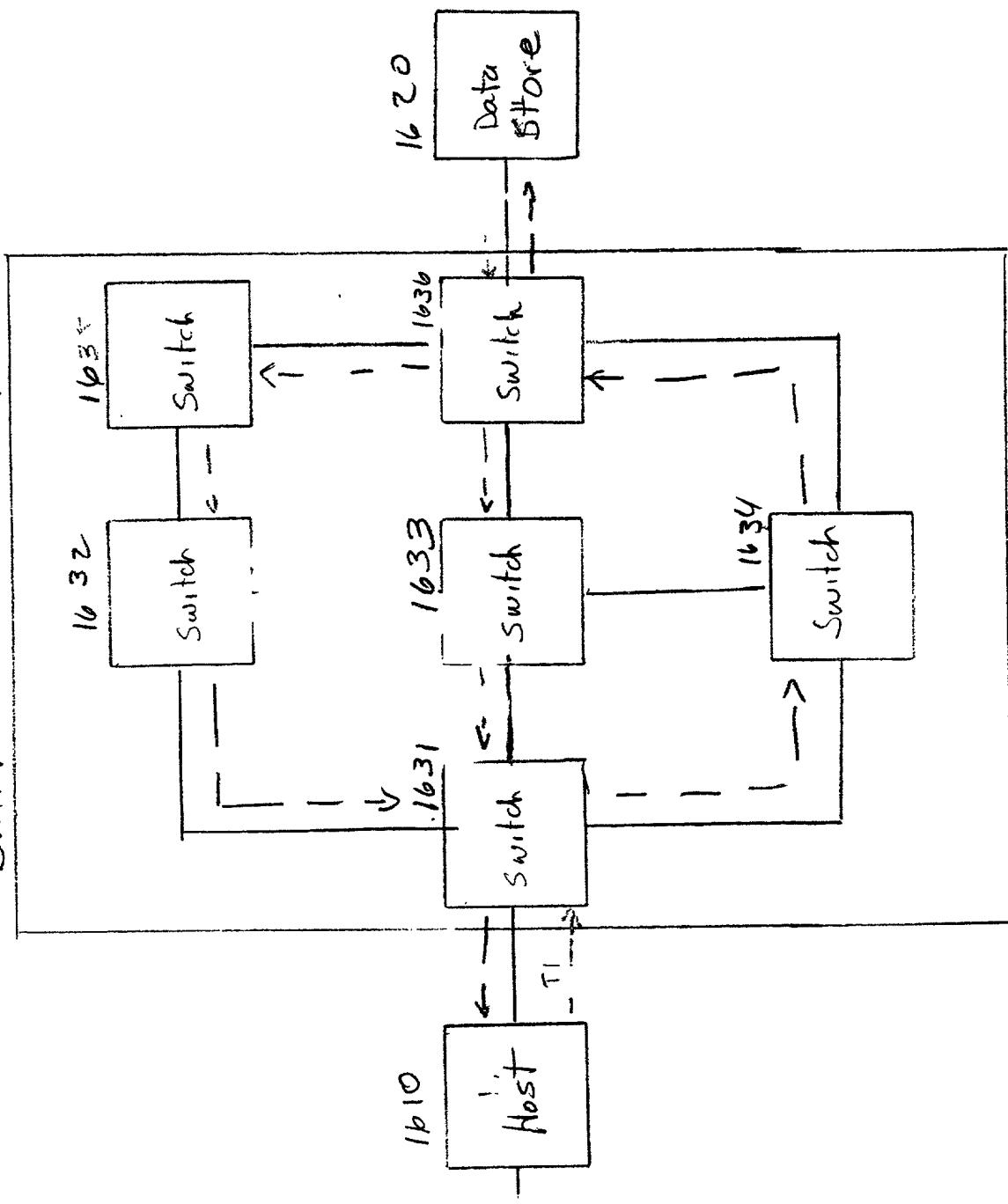


Fig 16

Preserving Packet Order w/ Transaction

Host

T2		T1	
P4	P3	P2	P1
P2	P1	P2	P1

NP1

Preserving Packet Order w/ Transaction

T2		T1		T2	
P2	P1	P2	P1	P3	P4
P2	P1	P2	P1	P4	P3

NO

No Packet or Transaction Ordering

F18 17

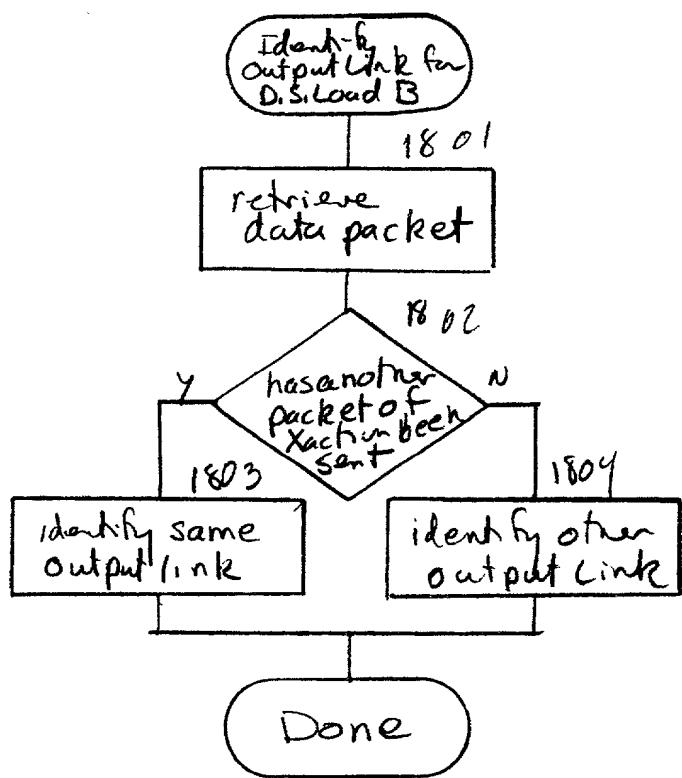


Fig 18

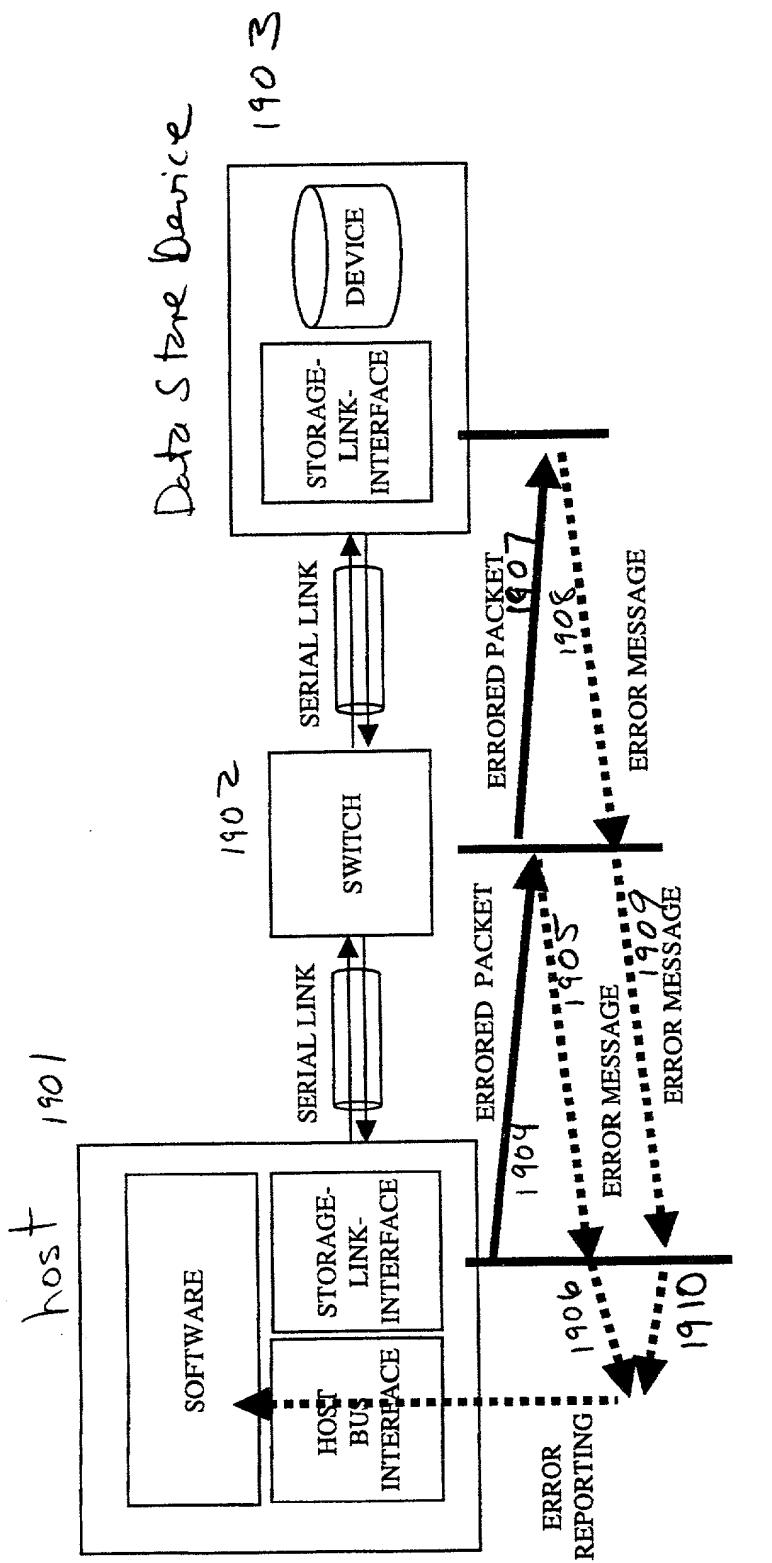


Fig 19 A

Attn:

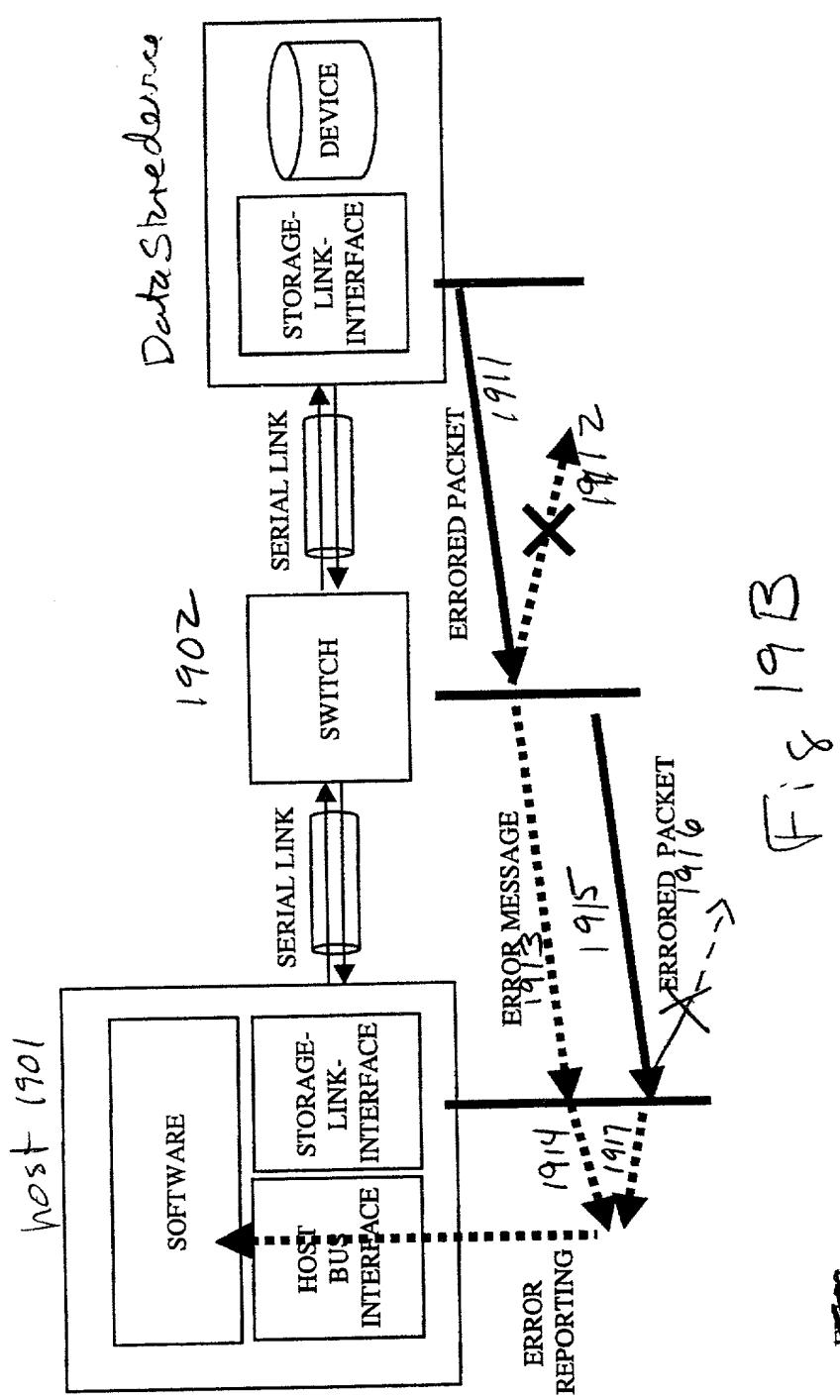
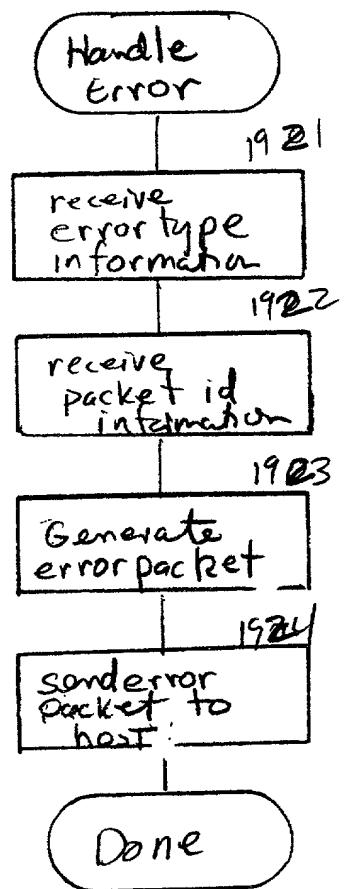


Fig 19B



19 C

8b code	9 bit symbol
0000 0000	101010101
0000 0001	101010100
0000 0010	101010111
⋮	⋮
0101 0101	001010101
⋮	⋮
0111 0110	001110110
0111 0111	100100010
⋮	⋮
1111 1111	110101010

Fig 20

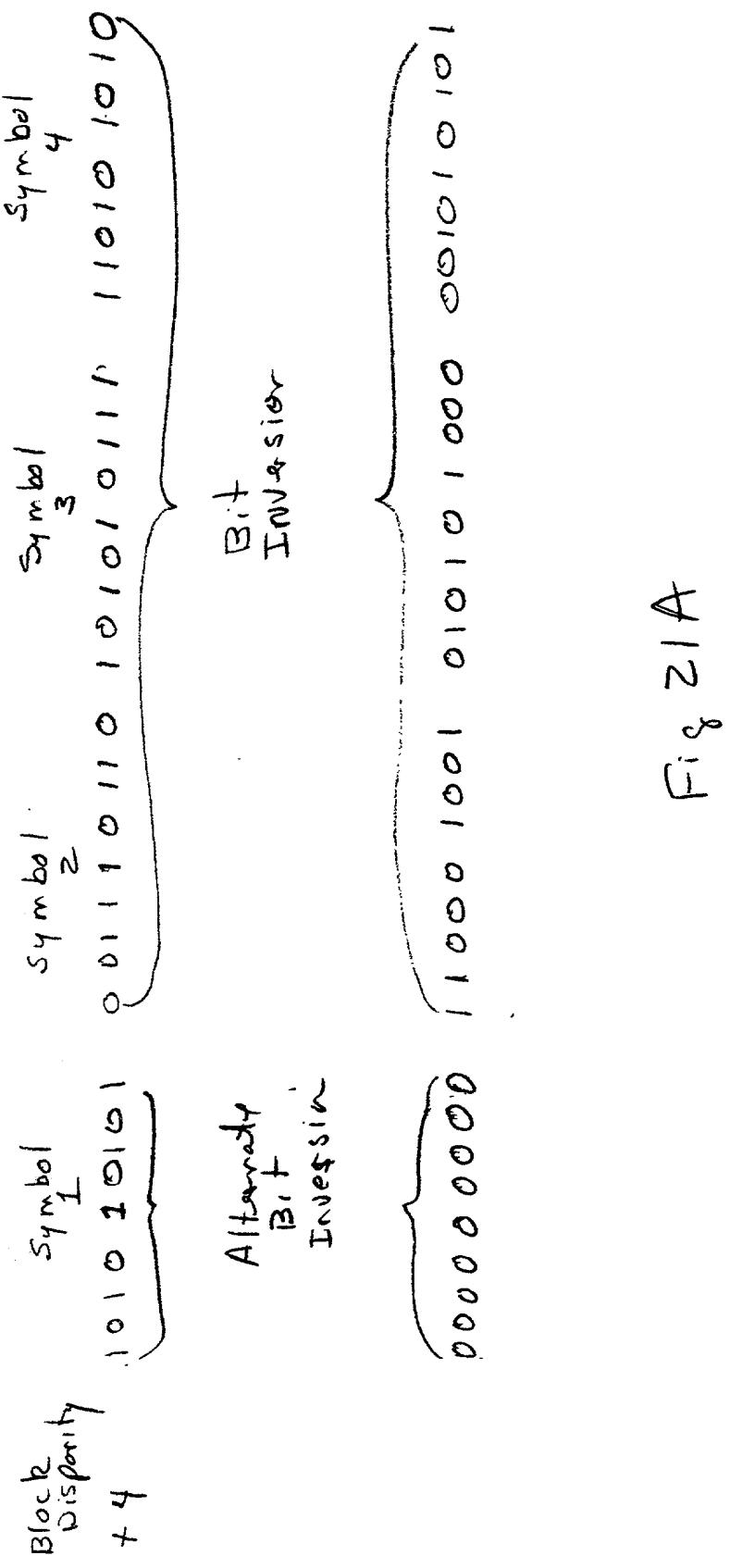


Fig 21A

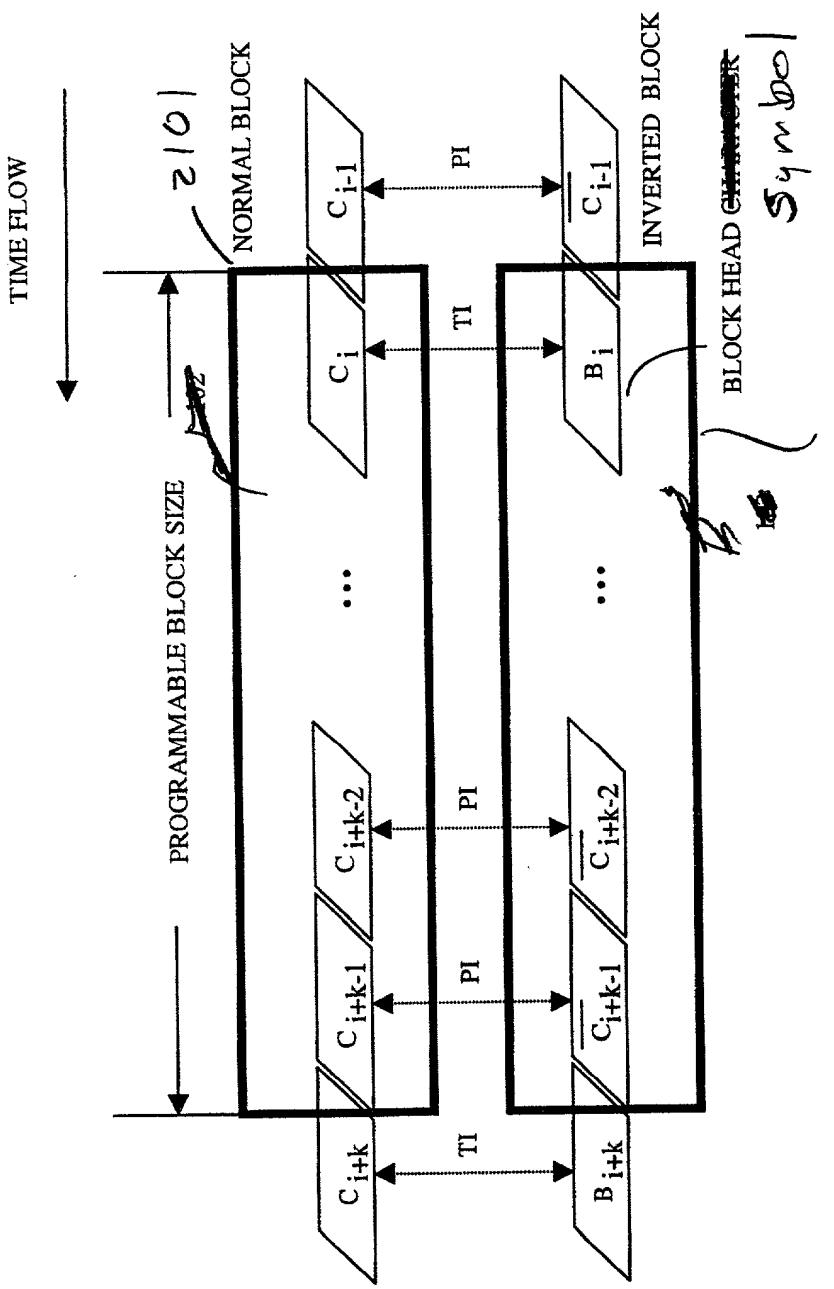


Fig 21B

Fig 21 C

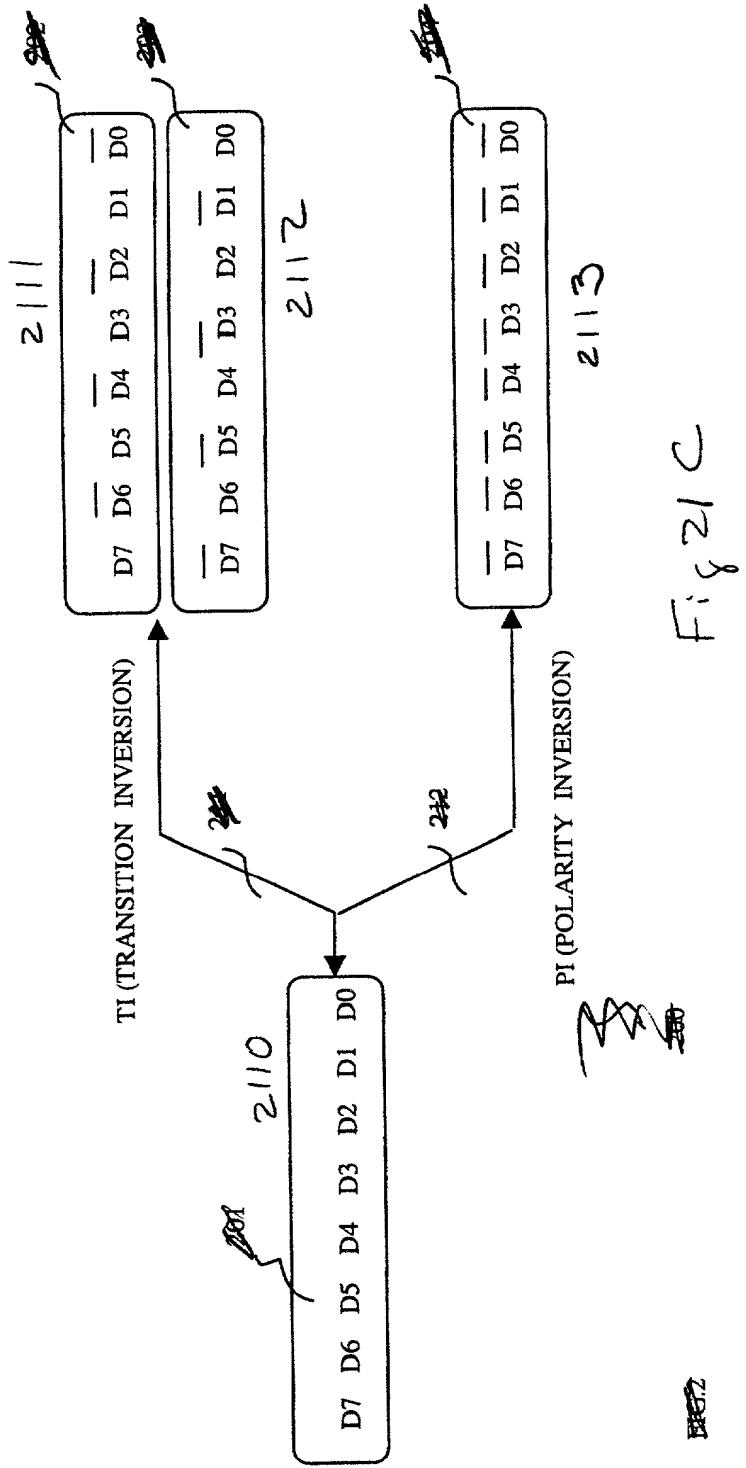


Fig 21 C

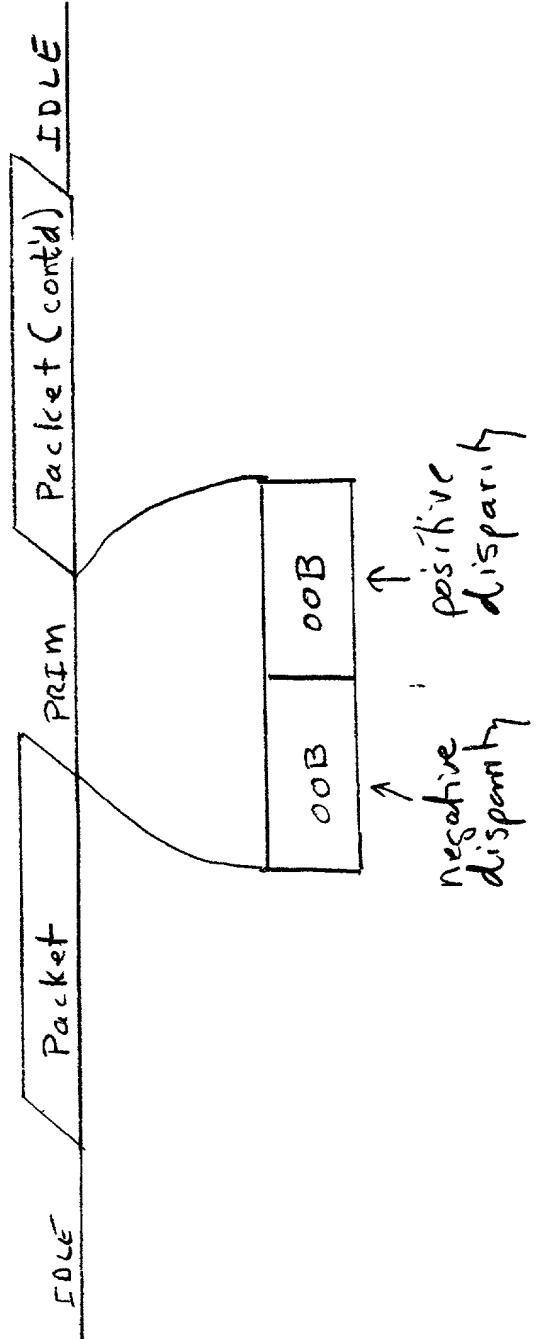


Fig 22

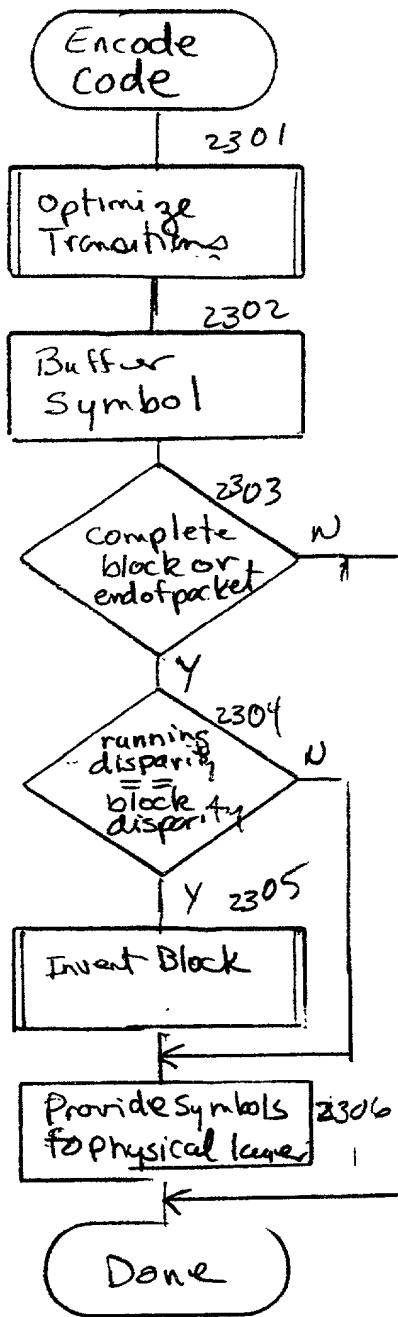


Fig 23

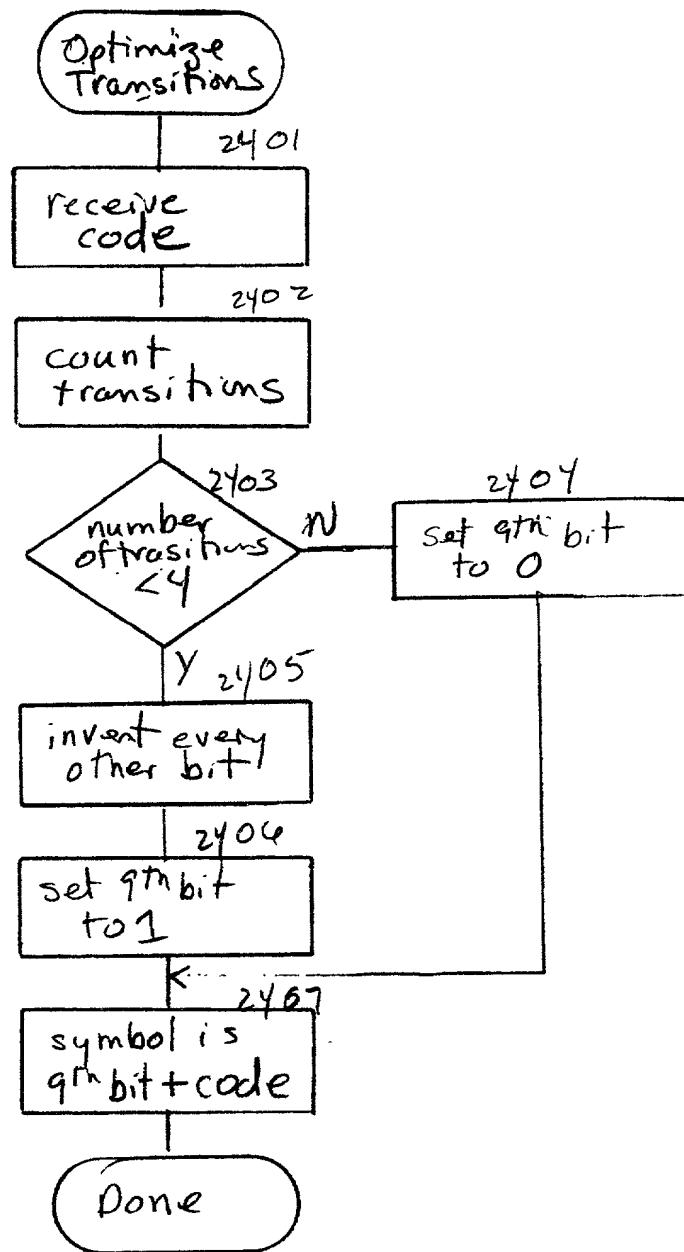


Fig 24

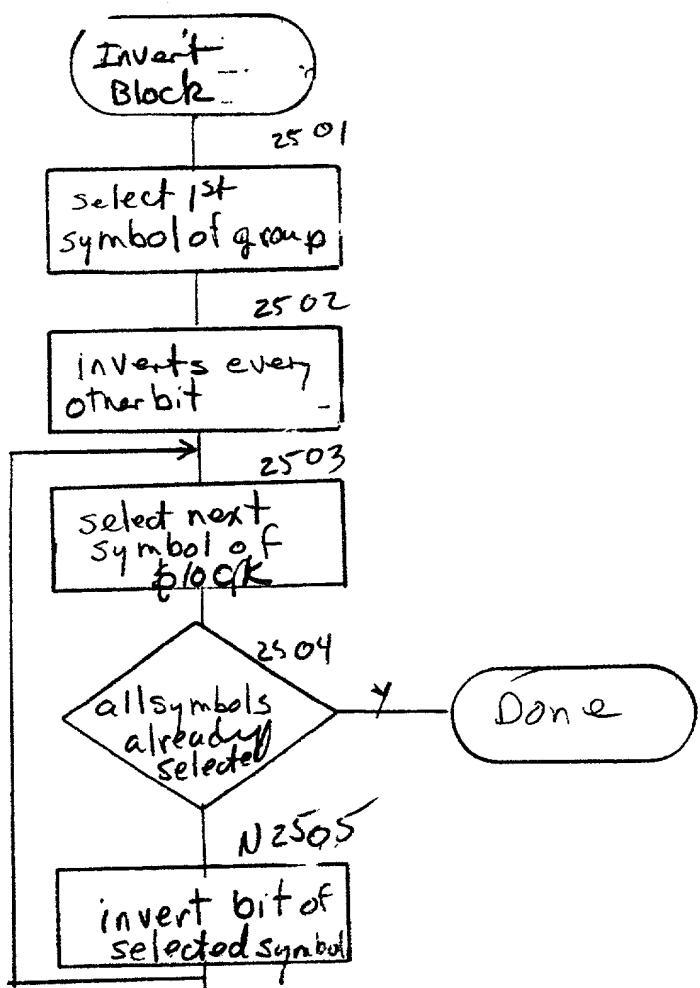


Fig 25-

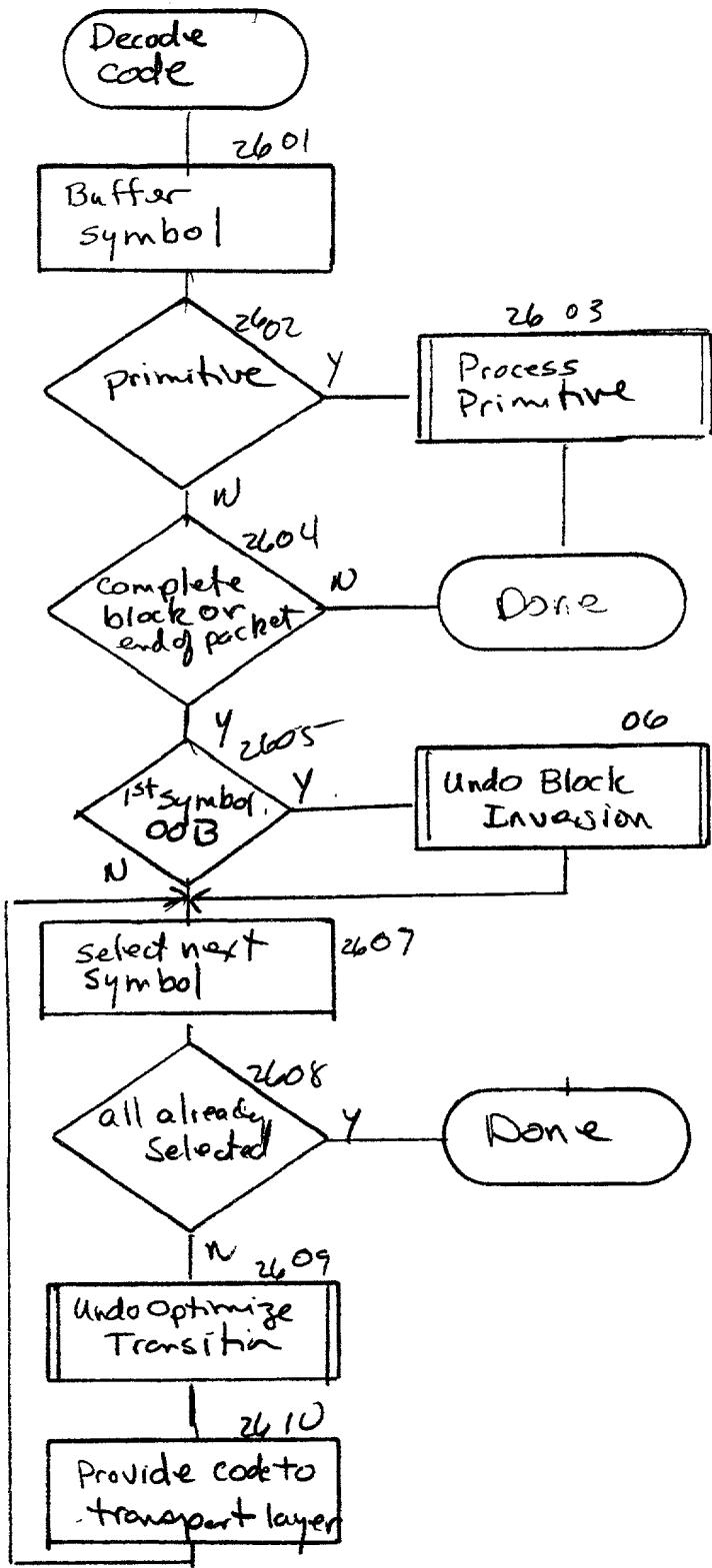


Fig 26

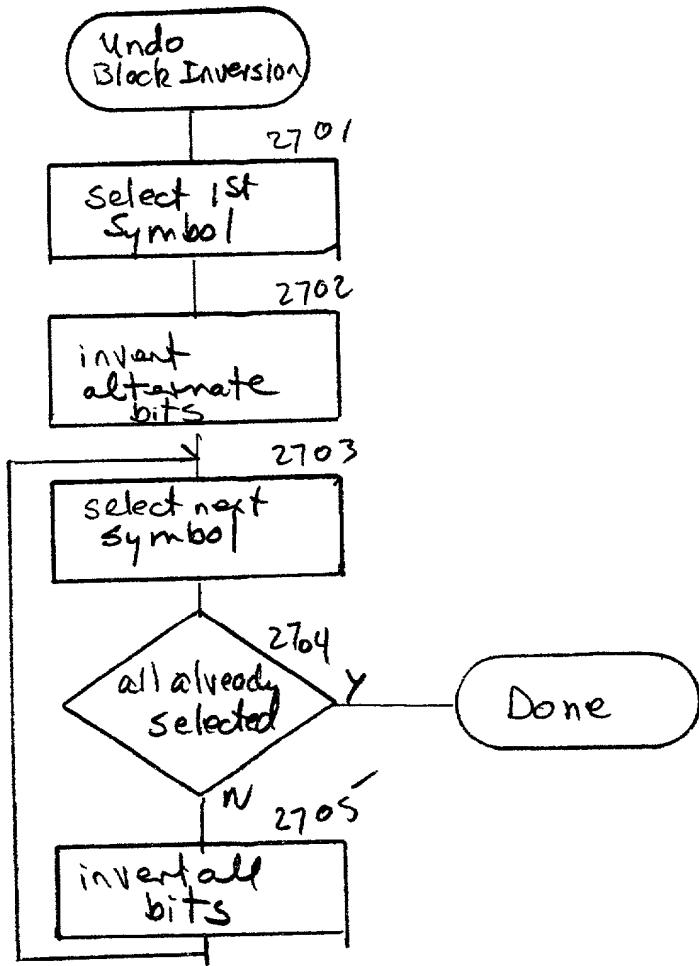


Fig 27

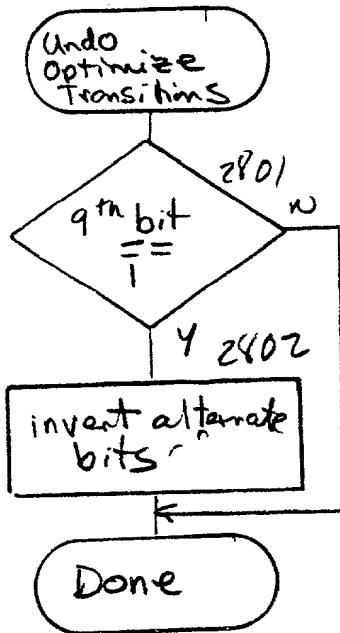


Fig 28

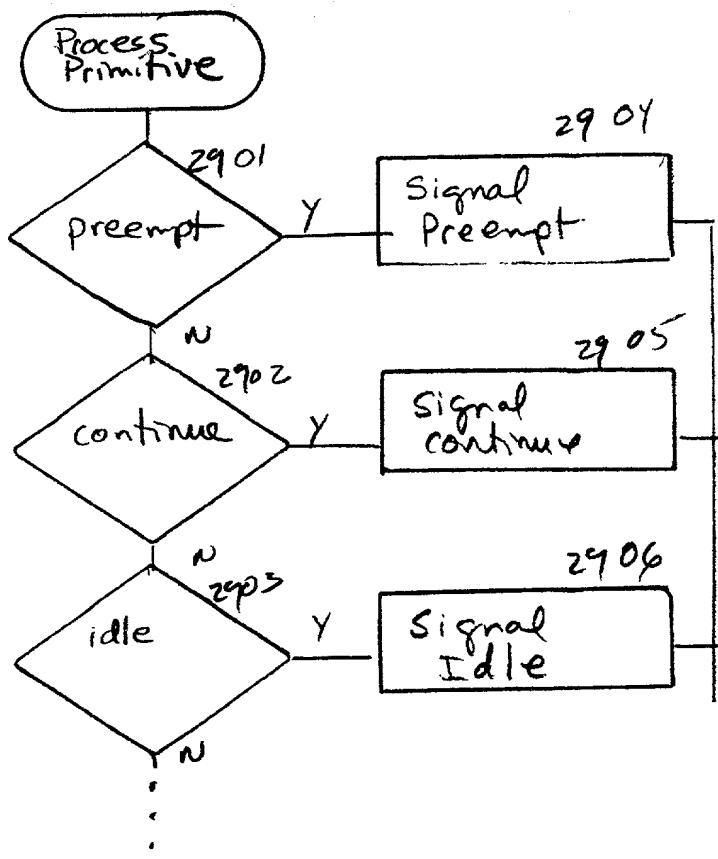


Fig 29

Multiport Memory Device

30.00

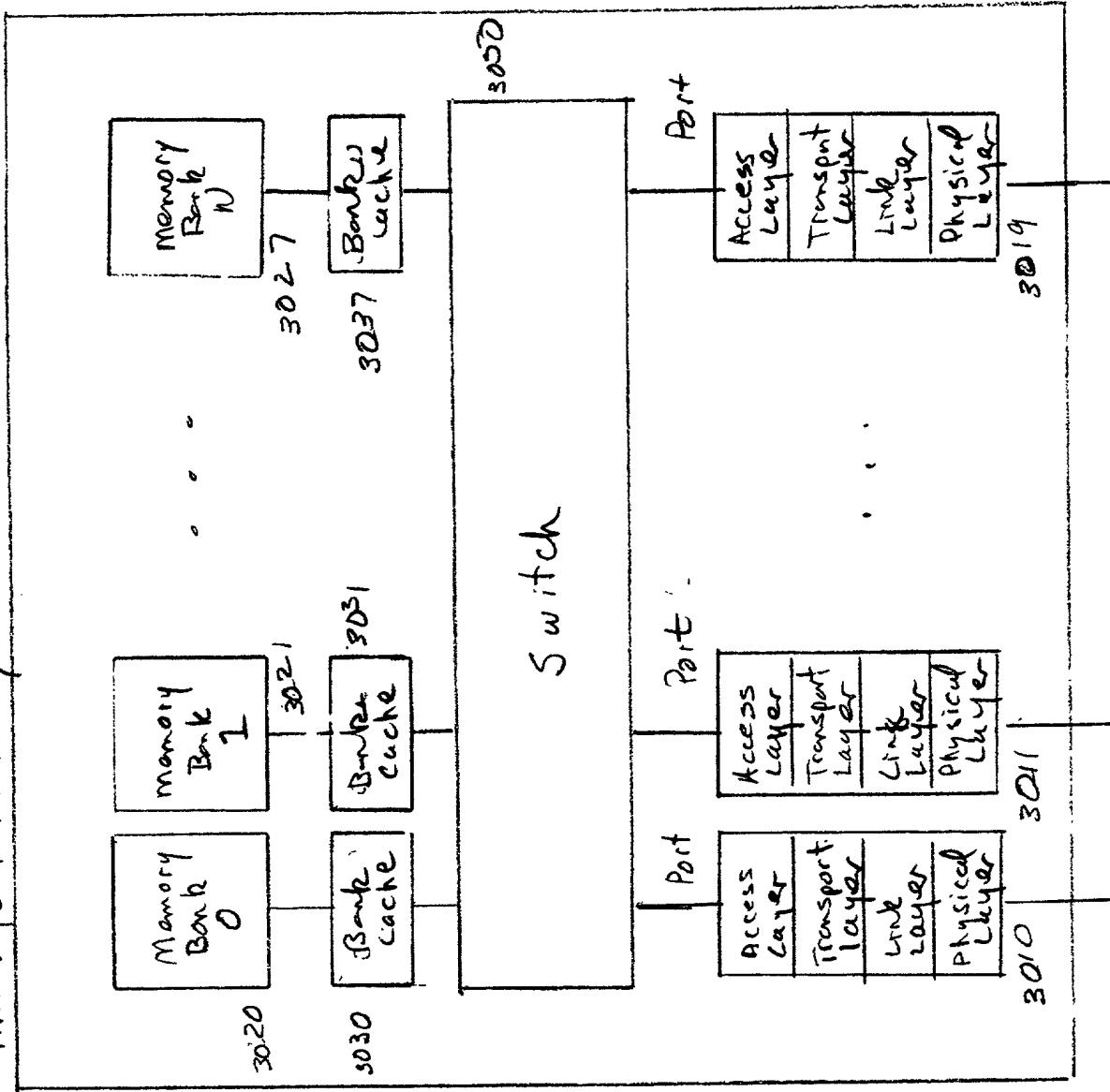
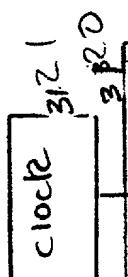


Fig 30

3100

Physical Layer



Phase
lock
loop

3123

3123

3122

Serializer

De-
serializer

De-
serializer

Deserializer

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

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81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

TxN

RxO

...

3110

Fig 31

3119

Port R/W Address Data

Port	R/W	Address	Data
3	R	1000	
4	W	4000	10....1
3	W	1000	111...0
3	R	2000	
			:

Input Queue 32@1
Output Queue 32@2

Valid Port	Data
1	3
	0
	0
1	3
	101...1
	:

Fig 32

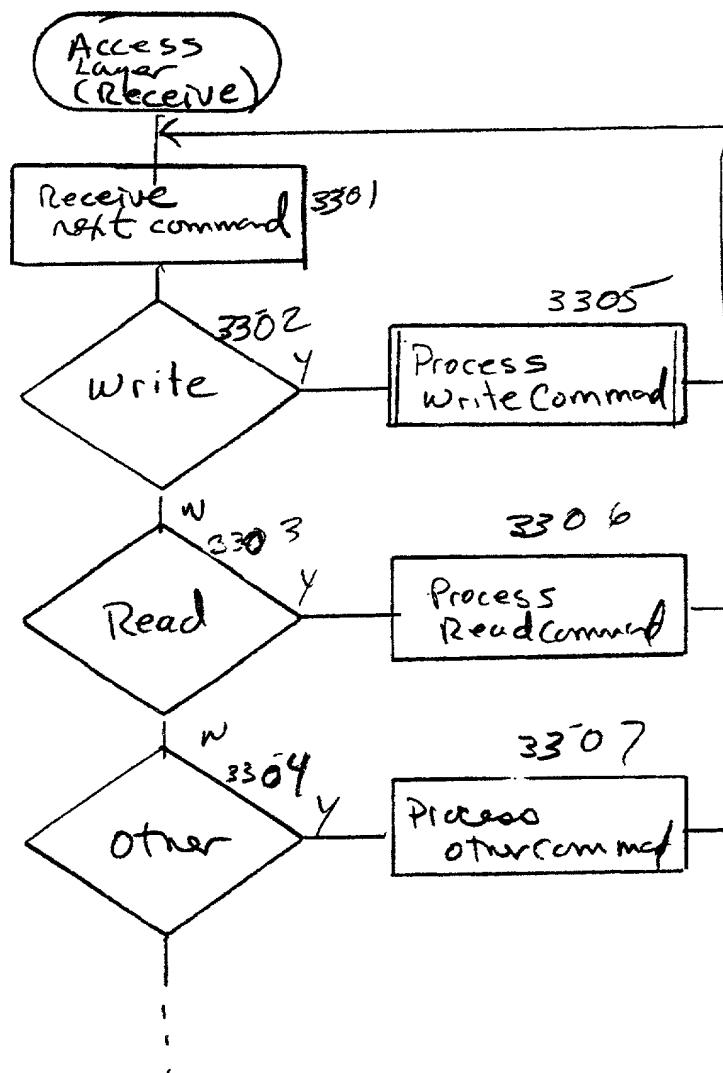


Fig 33

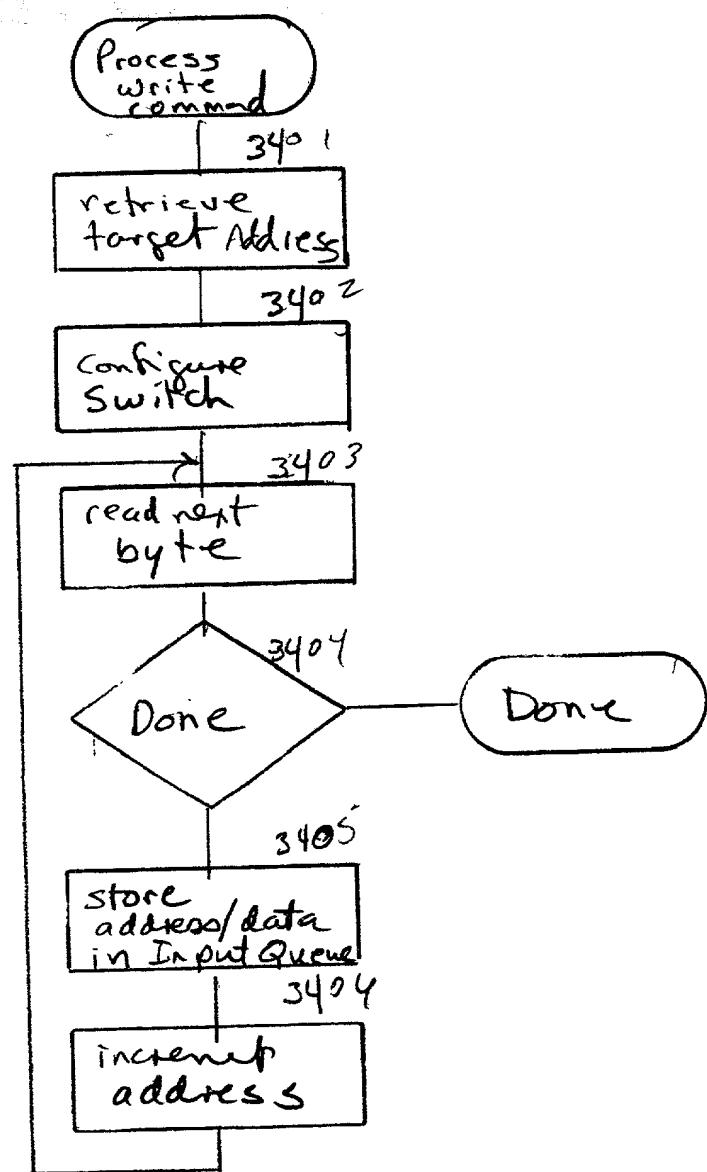


Fig 34

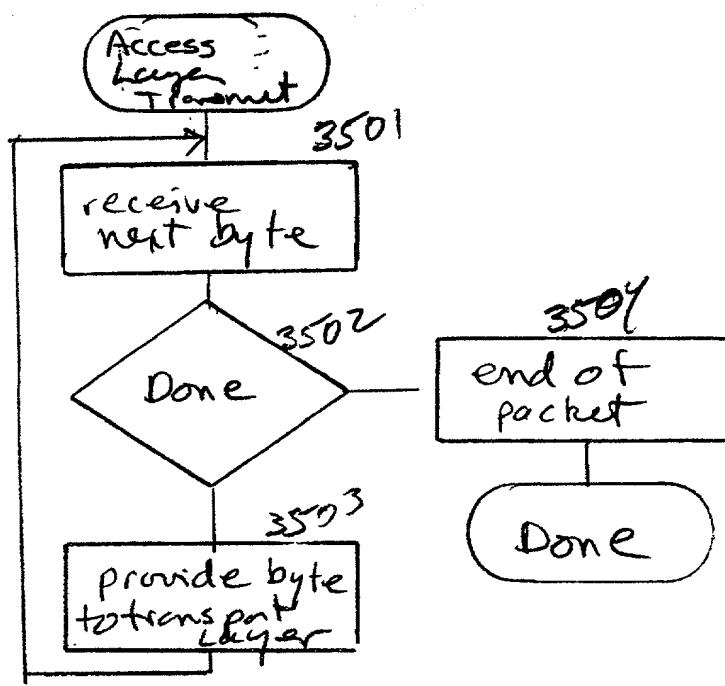
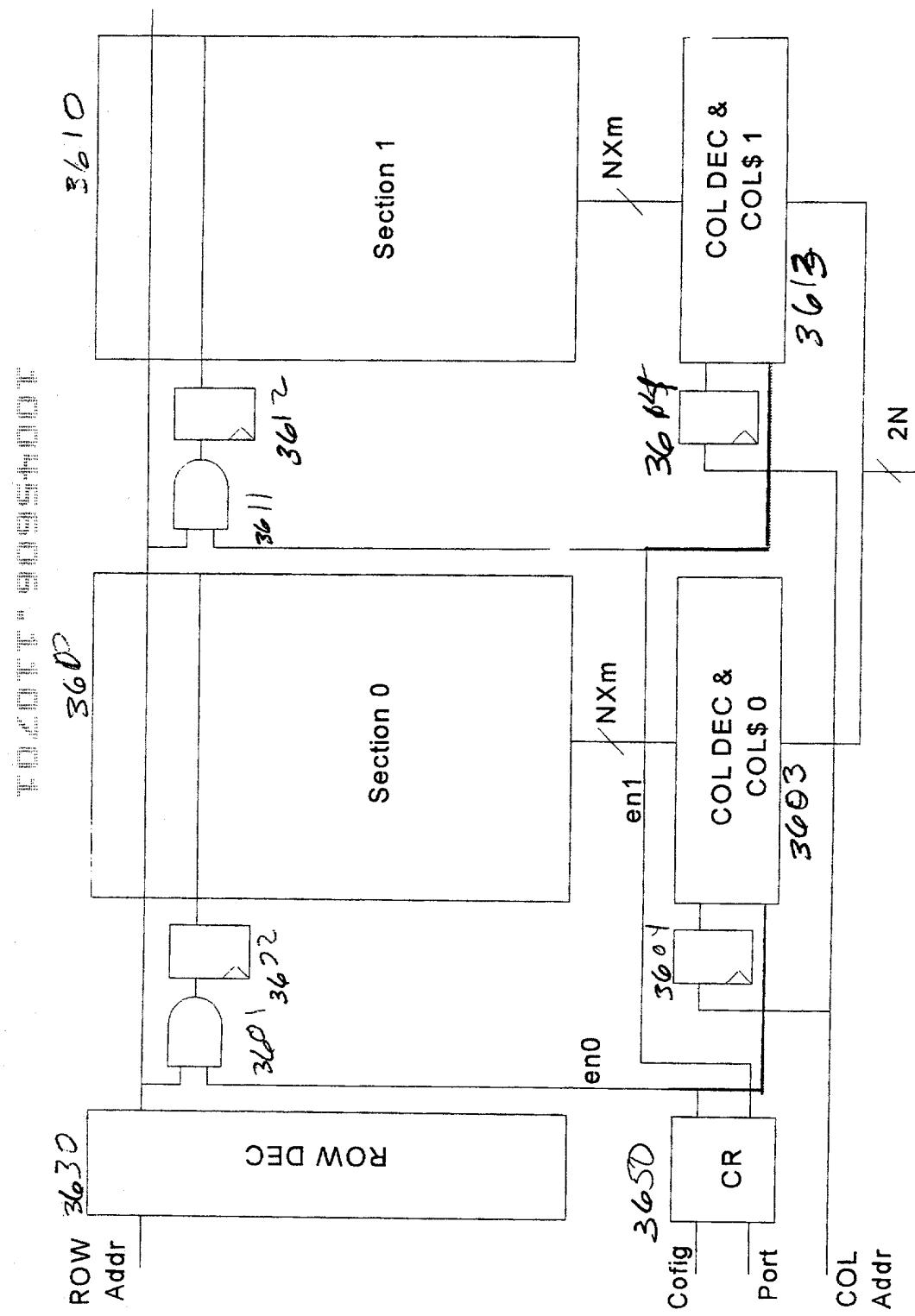
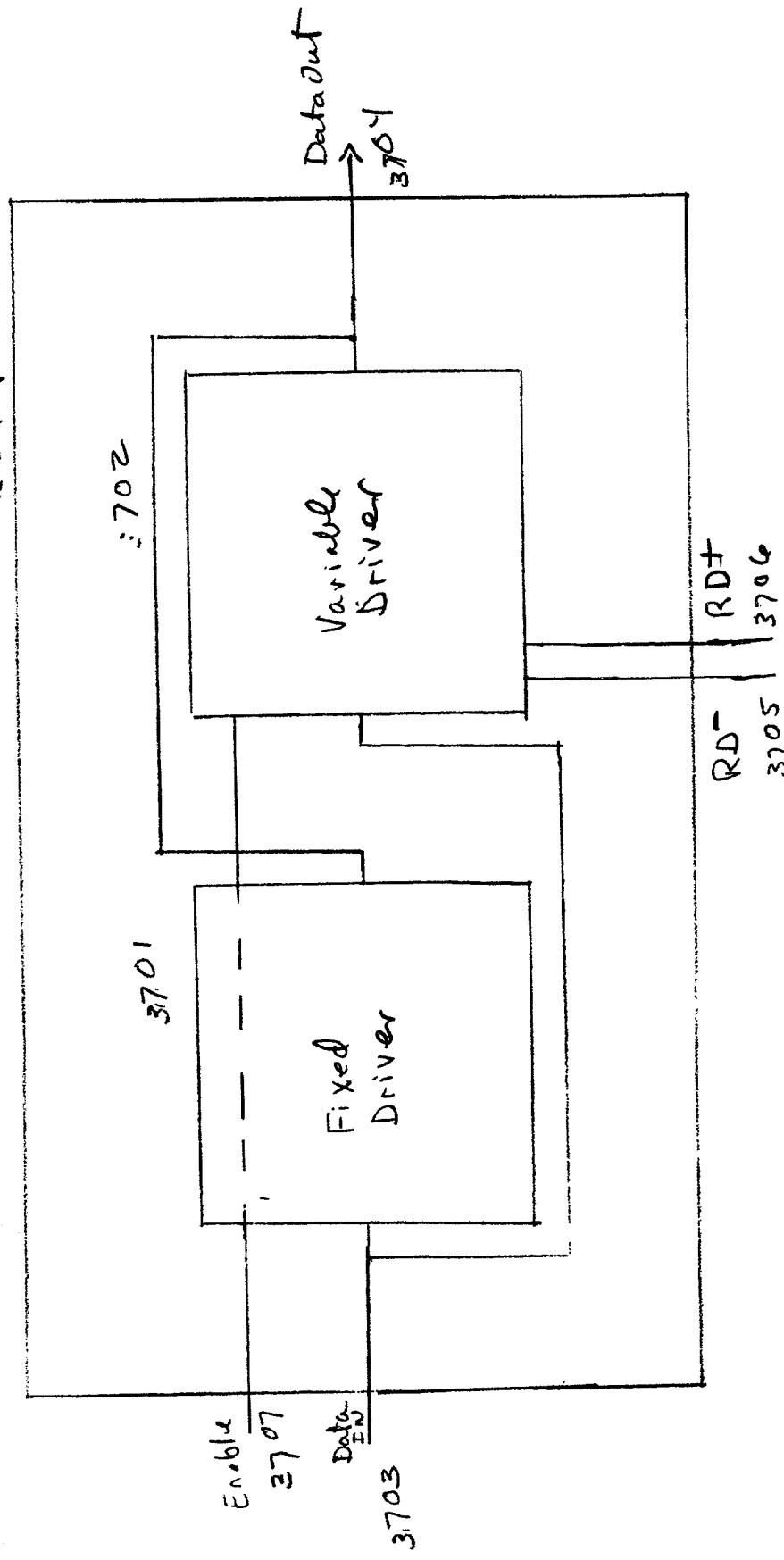


Fig 35



F, { 36

Line Driver 3700

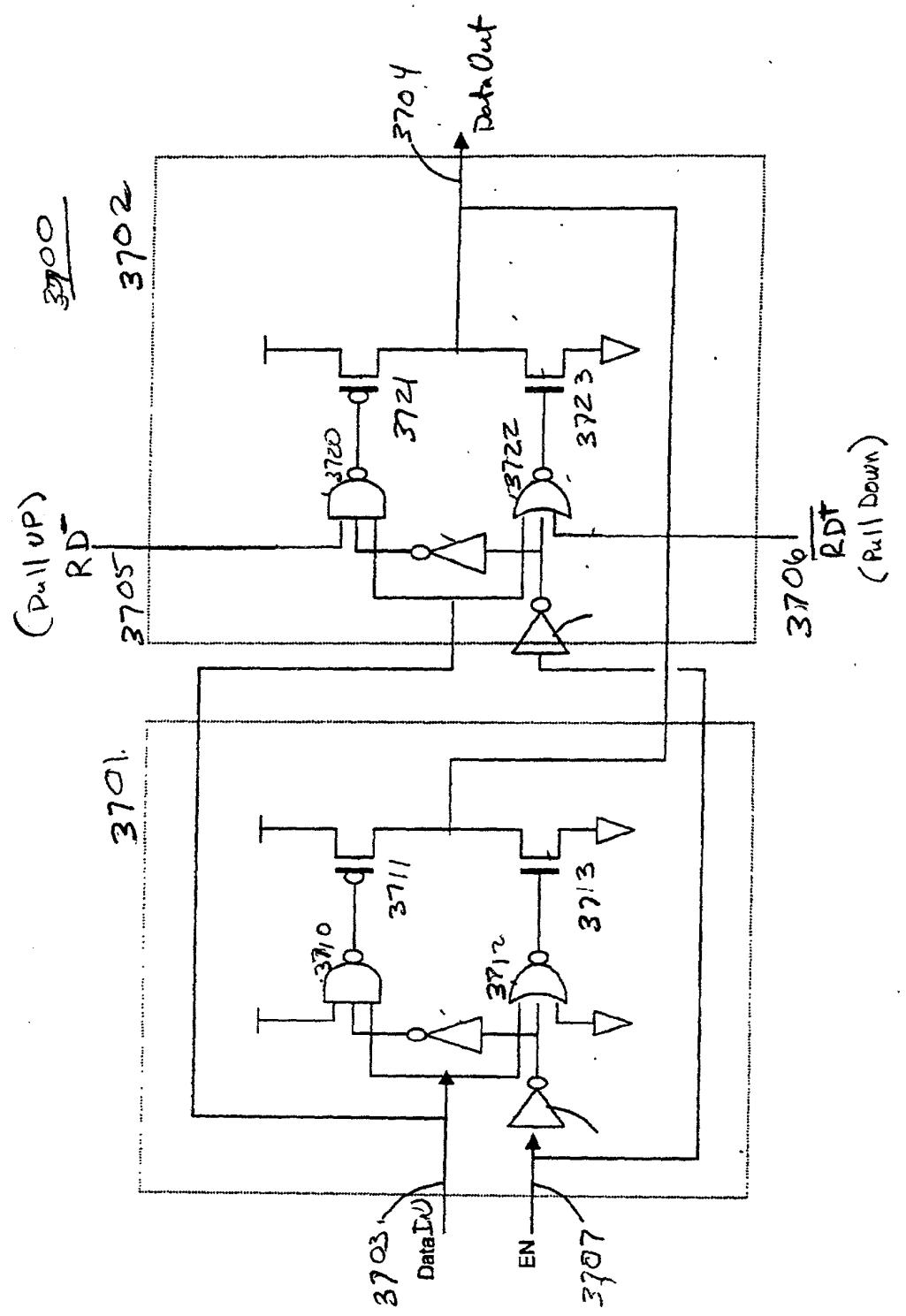


$\overline{RD^+} \wedge \overline{RD^-}$ = pull down
 $\overline{RD^+} \wedge RD^-$ = pull up

Variable
Driver

$\overline{RD^+} \wedge \overline{RD^-}$

Fig 37A



F18 3703

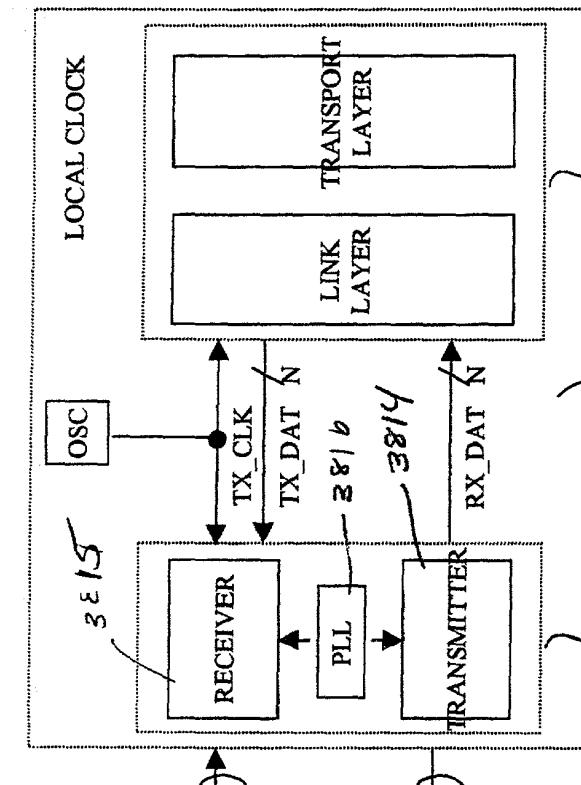


Fig 38A

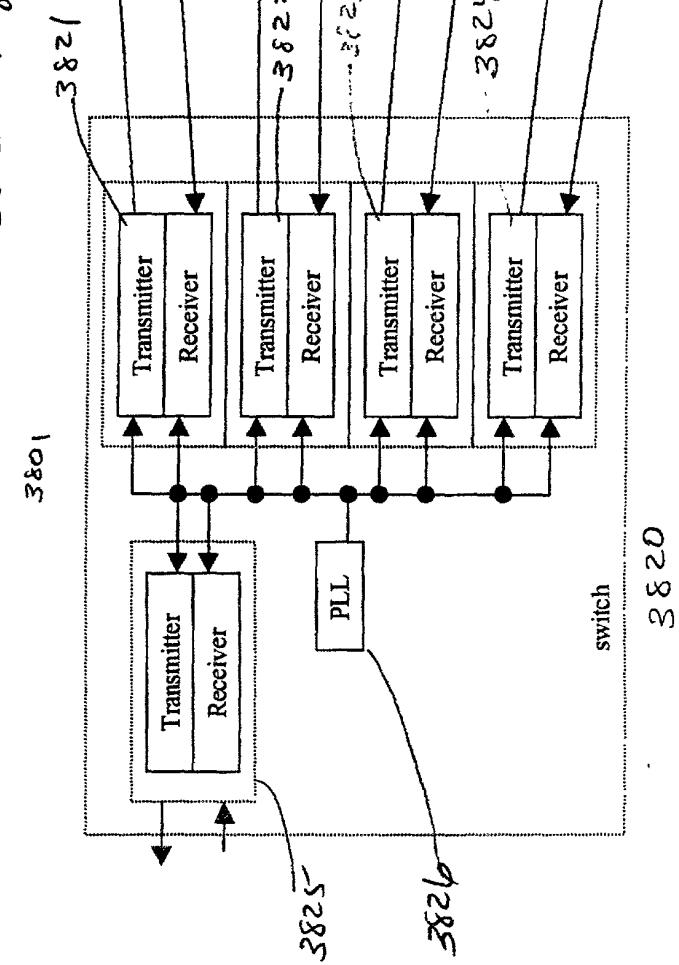


Fig 38B

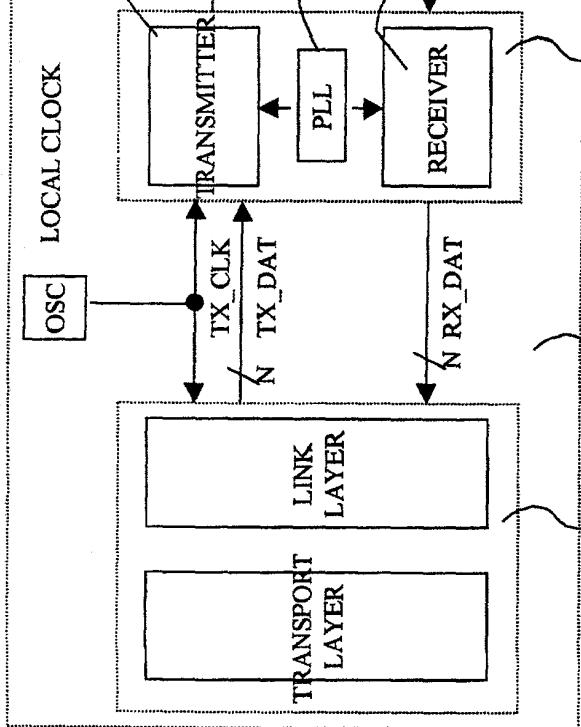


Fig 38C

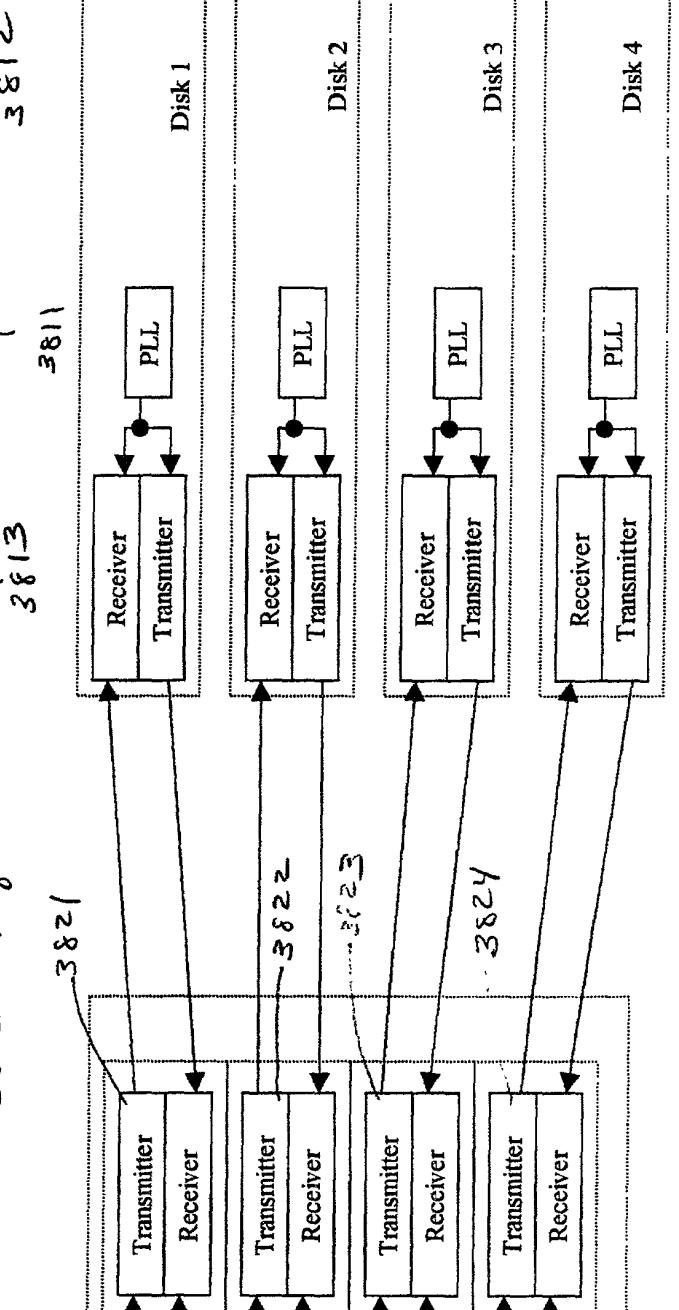


Fig 38D

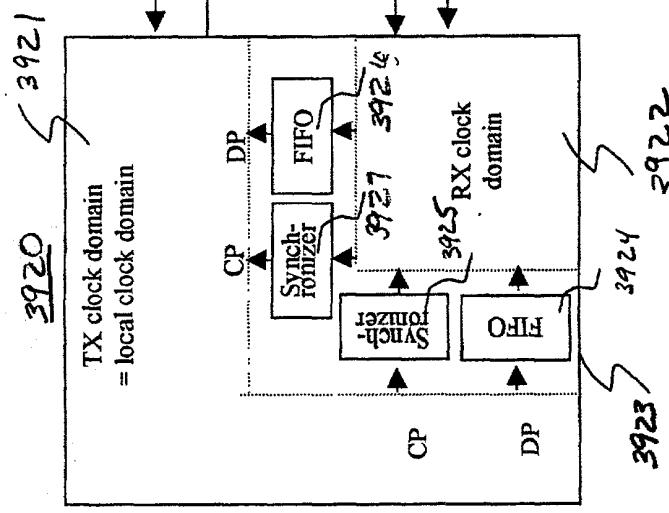


Fig 39A

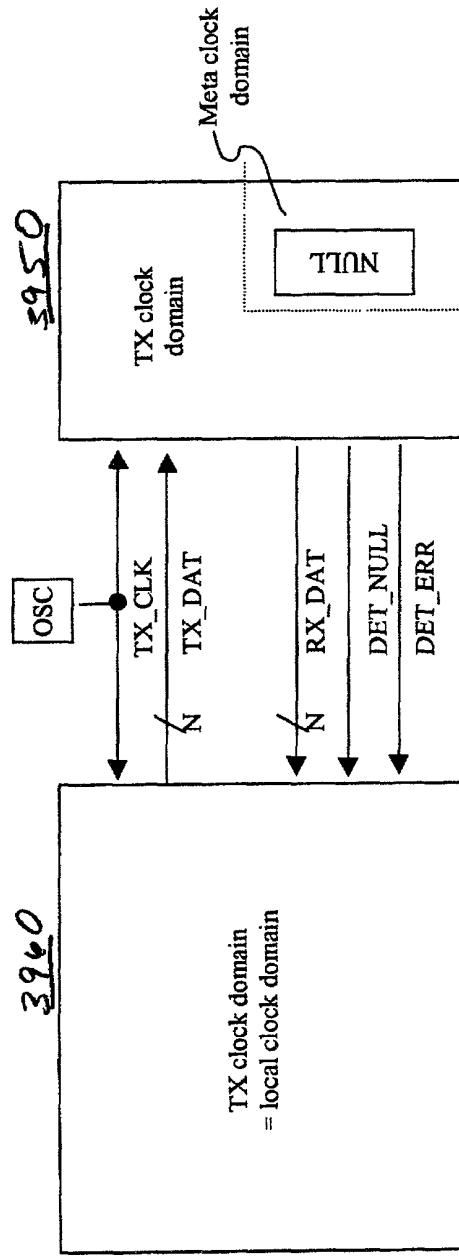


Fig 39B

3910

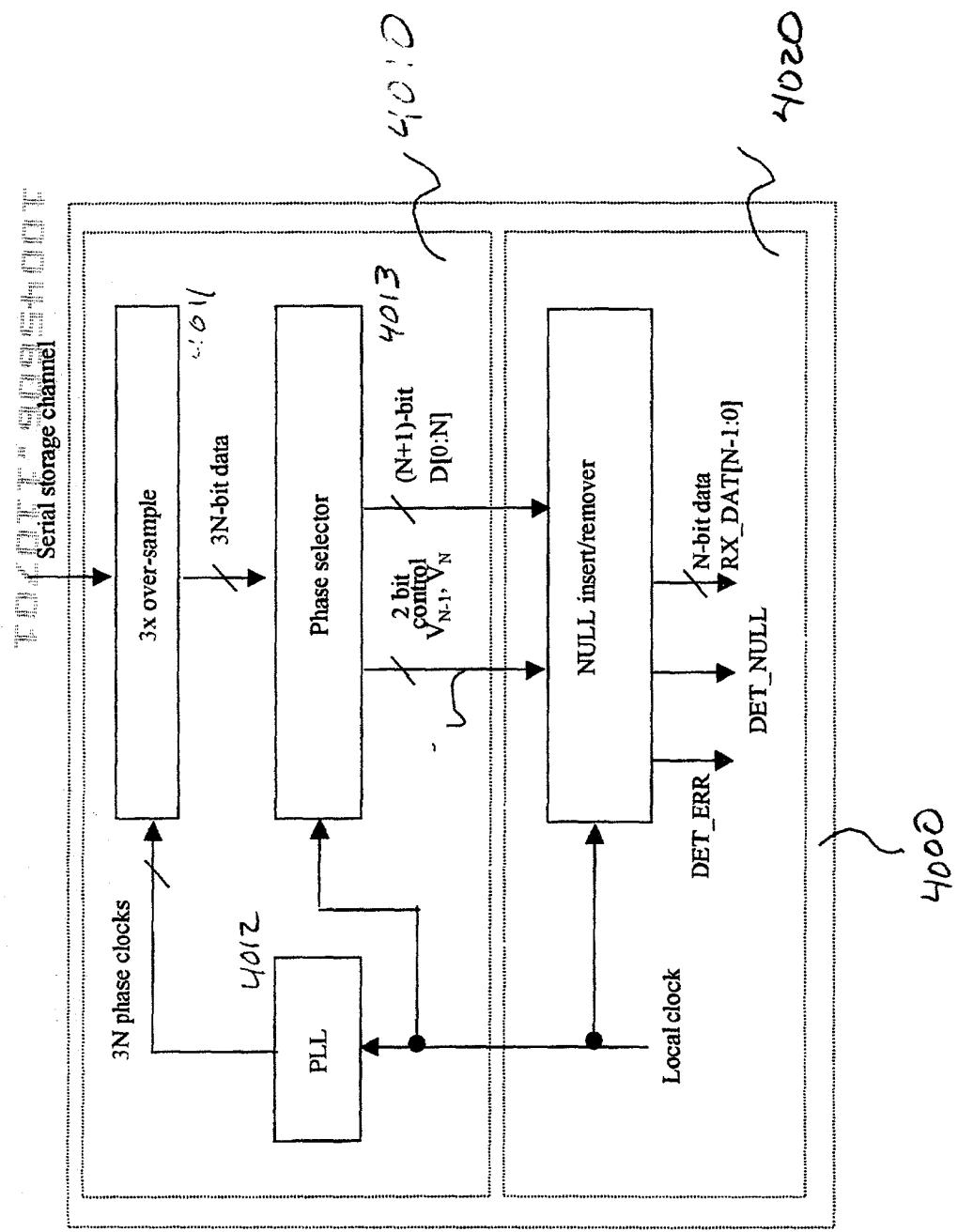


Fig 40

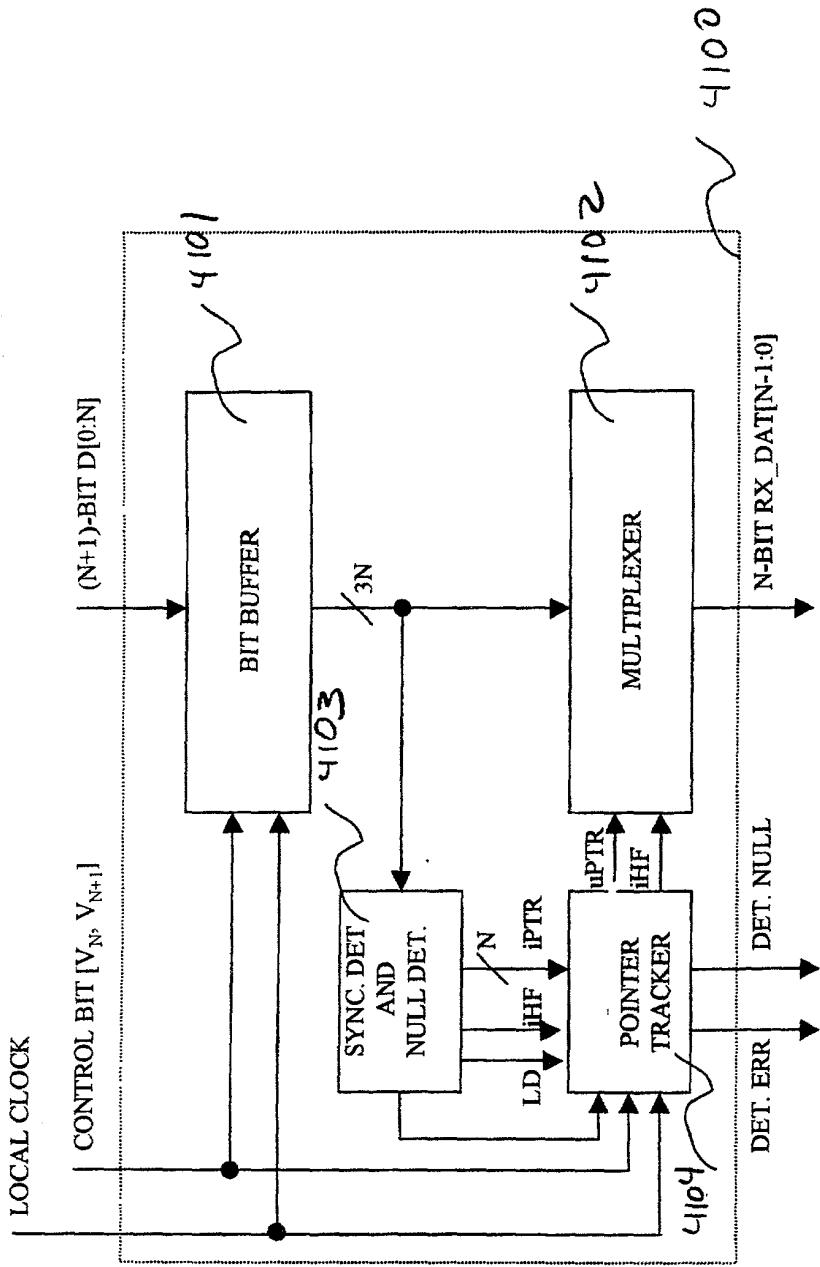
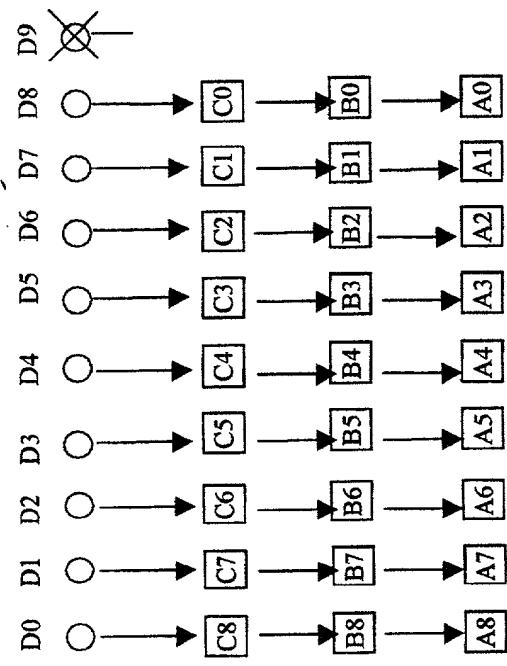


Fig 41

$V_{N1}, V_N = [1,0]$

$[V_{N1}, V_N] = [1,0]$



F₈ 42 A

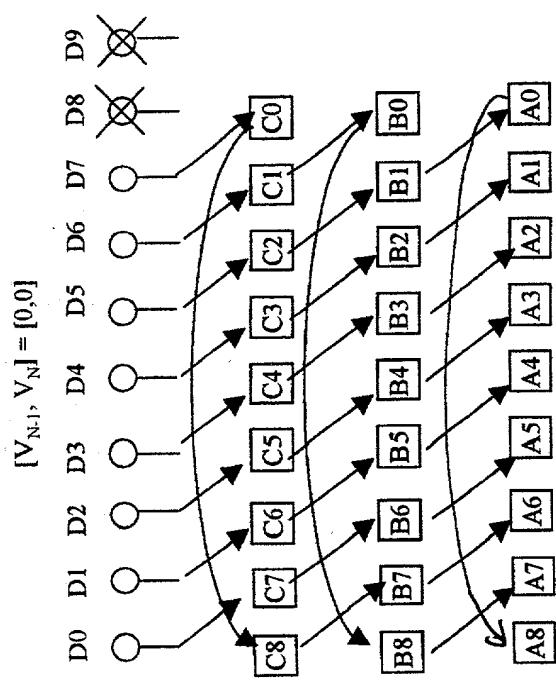


Fig 42 B

$V_{N,1}, V_N = [1,1]$

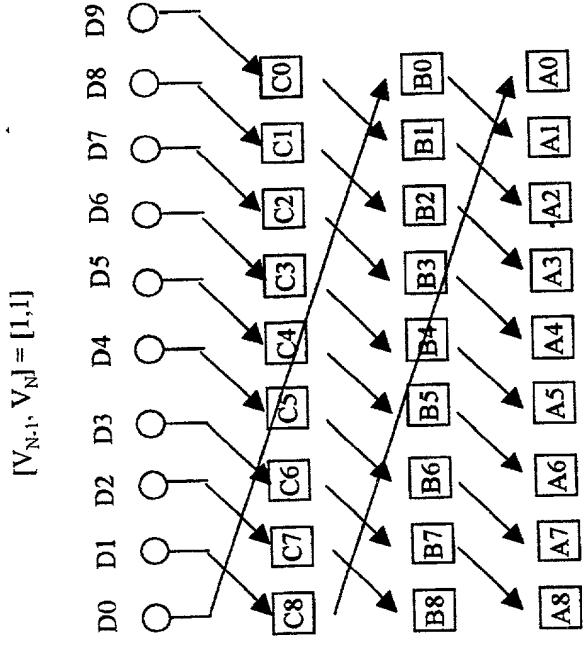


Fig 42c

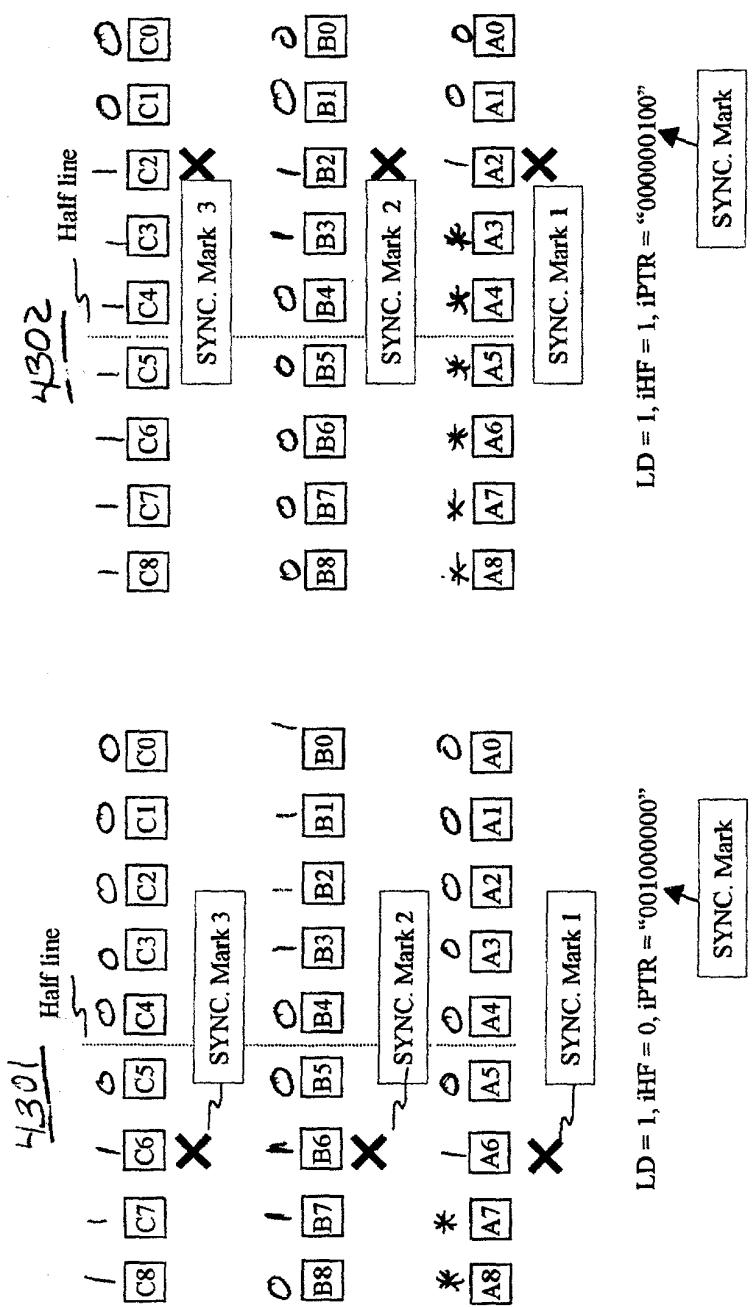
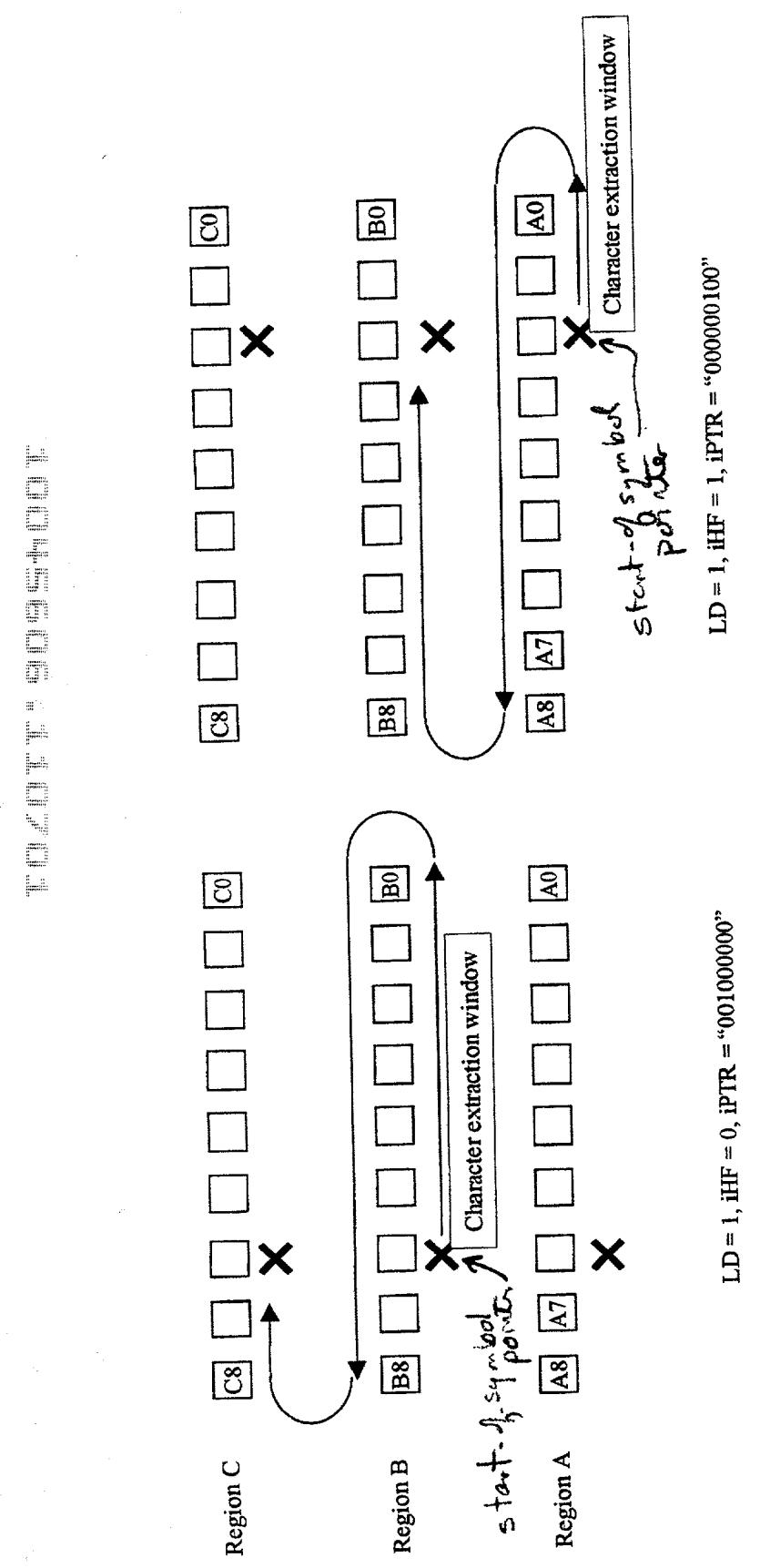
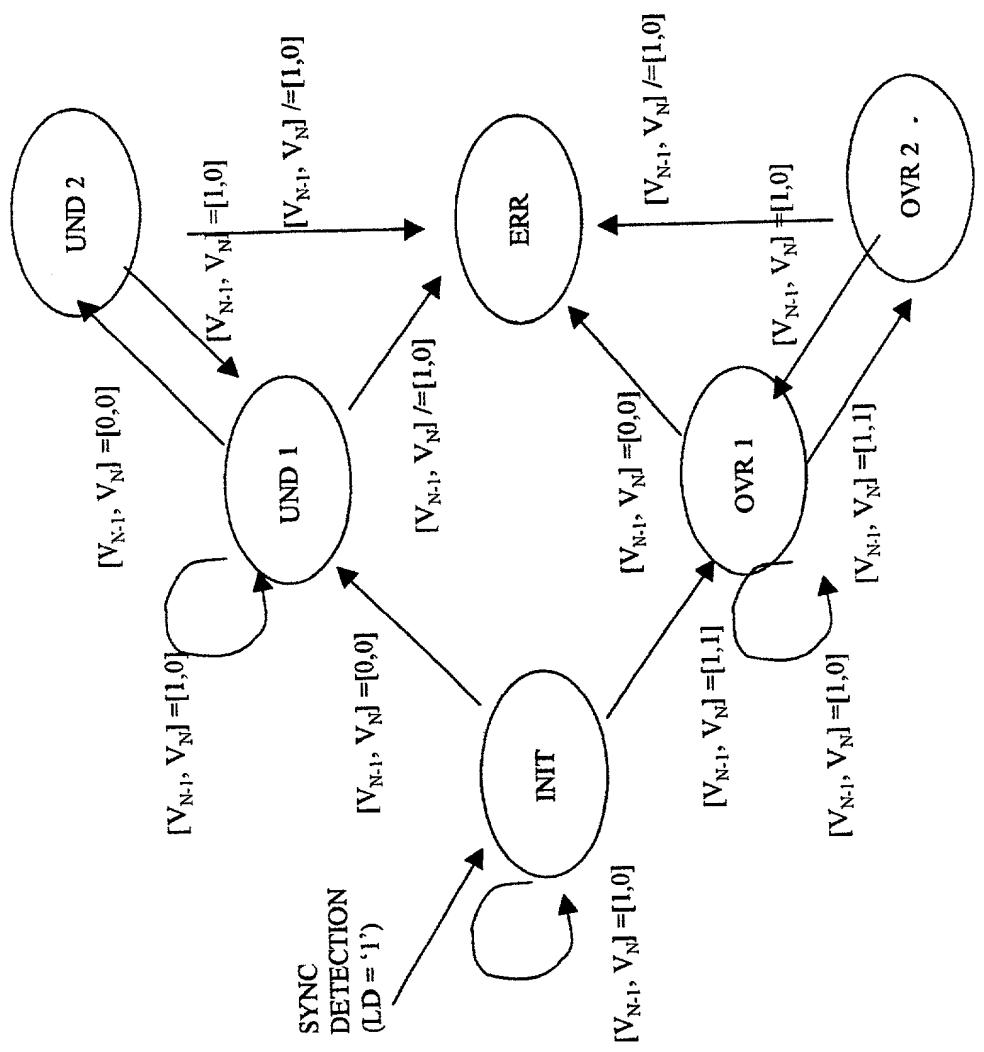


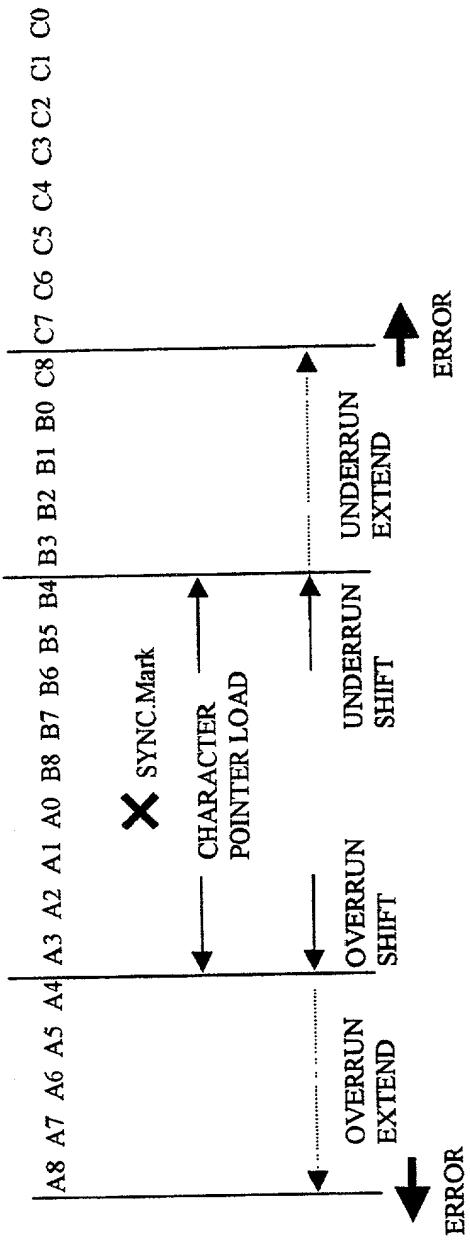
Fig. 43



四
卷之三



F. 8 45



F_i 8 46

Fig 47 A

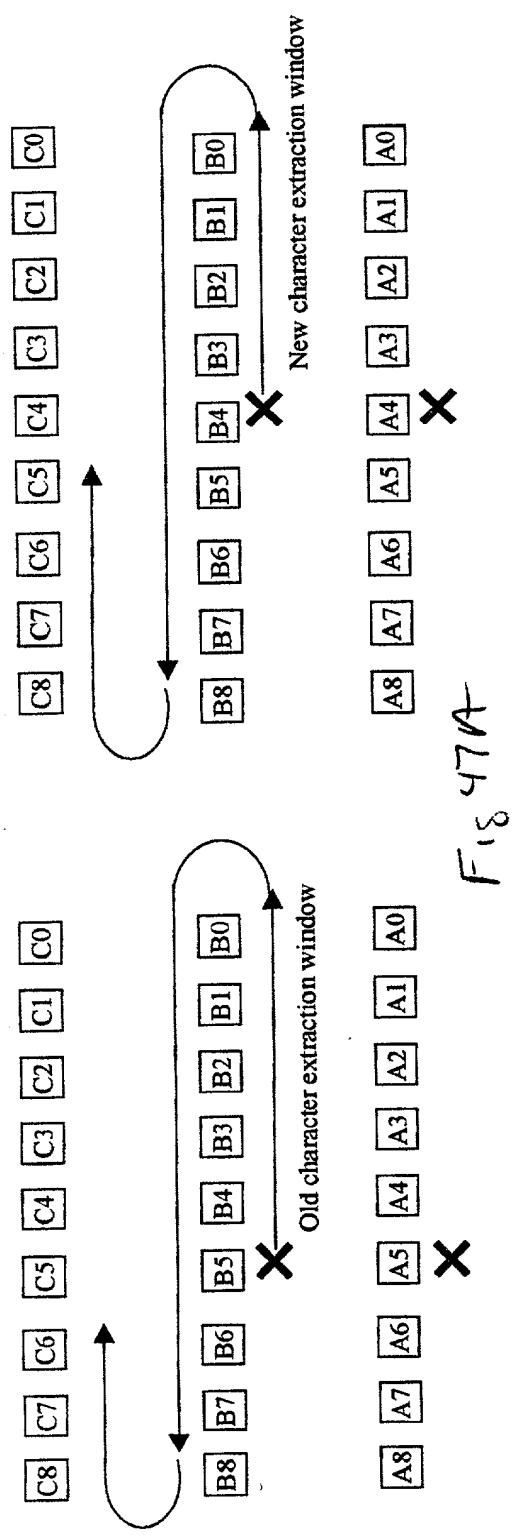


Fig 47 A

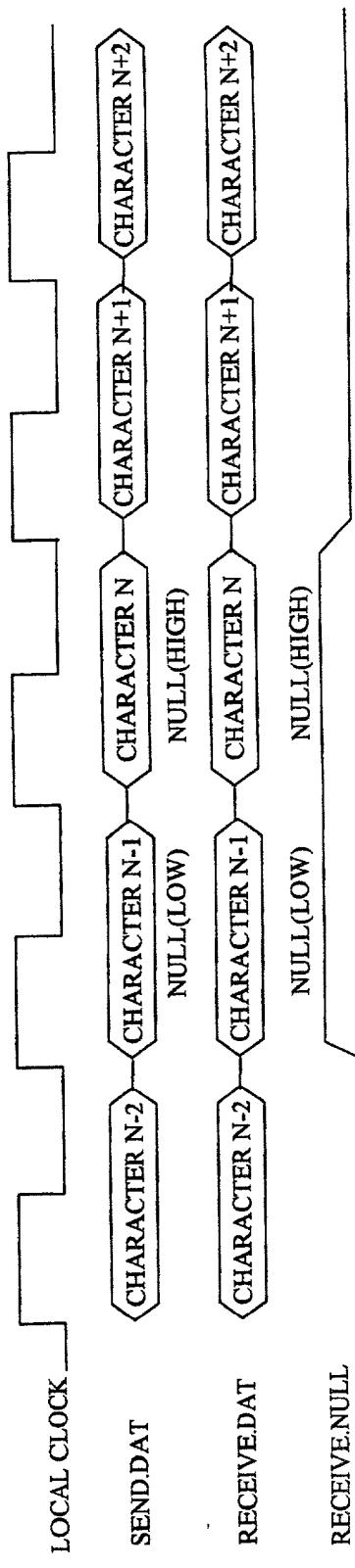
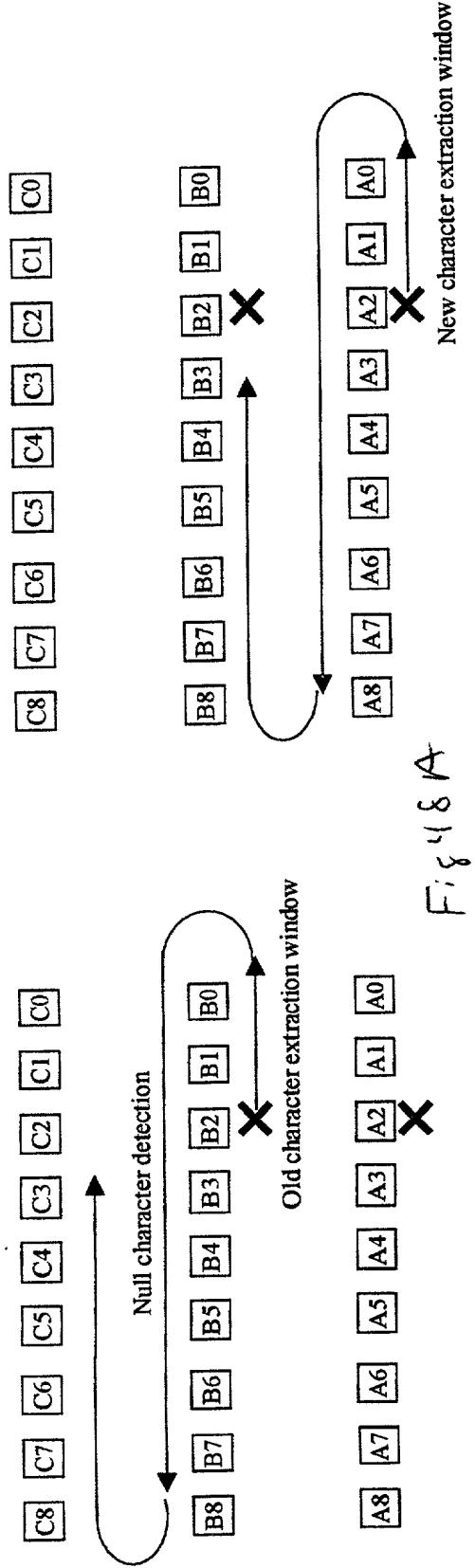
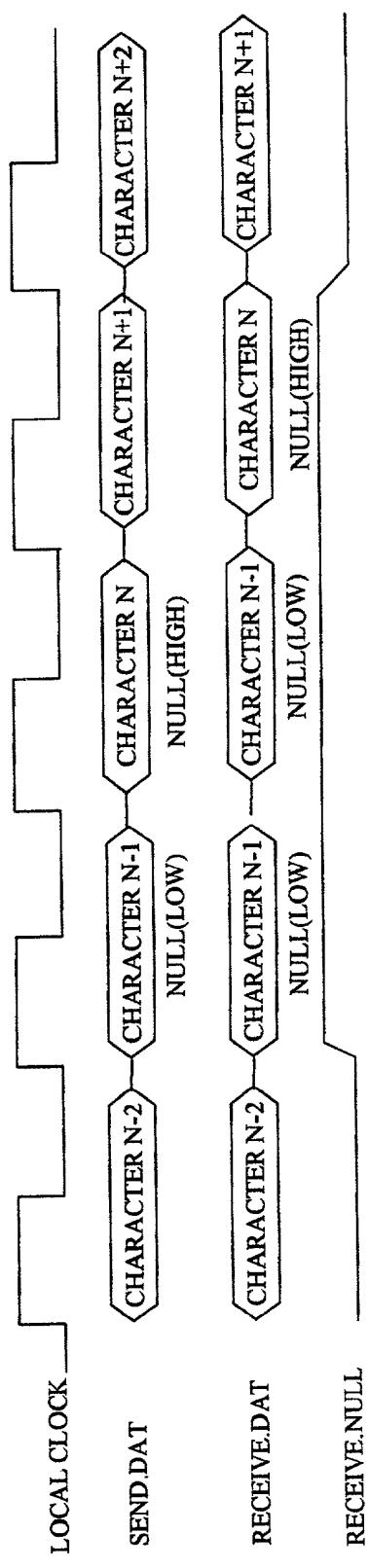


Fig 47 B

Fig 48 A



F, g 48 B



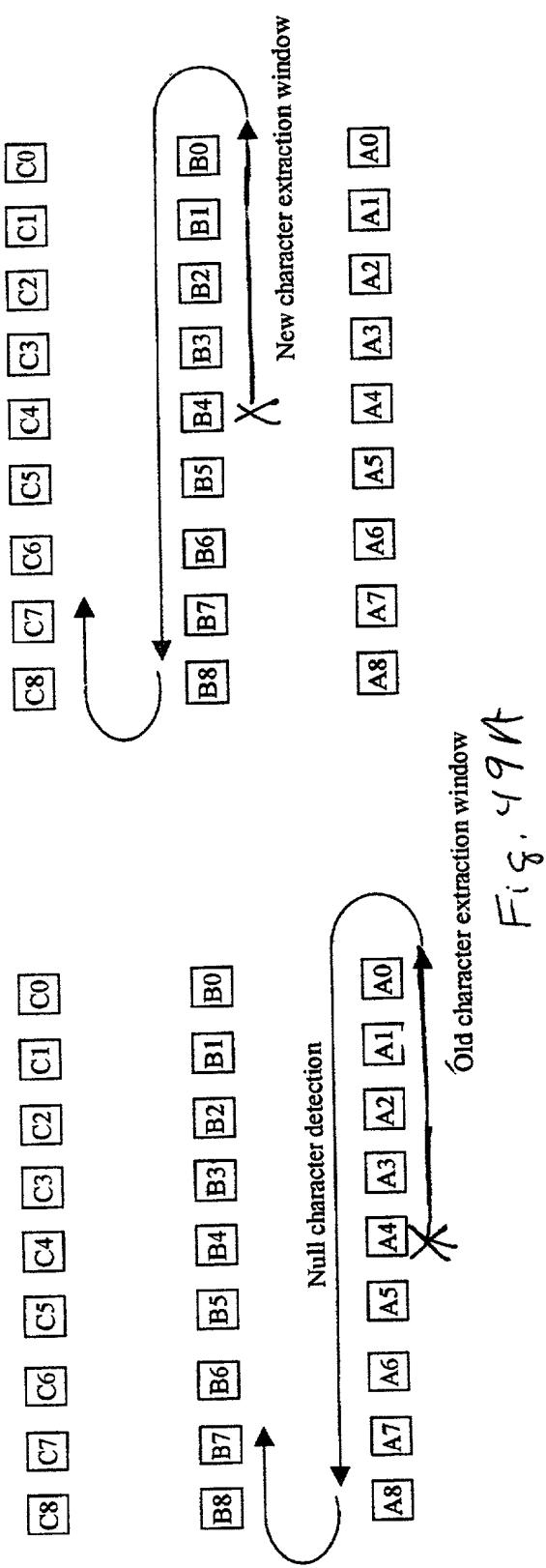


Fig. 49A

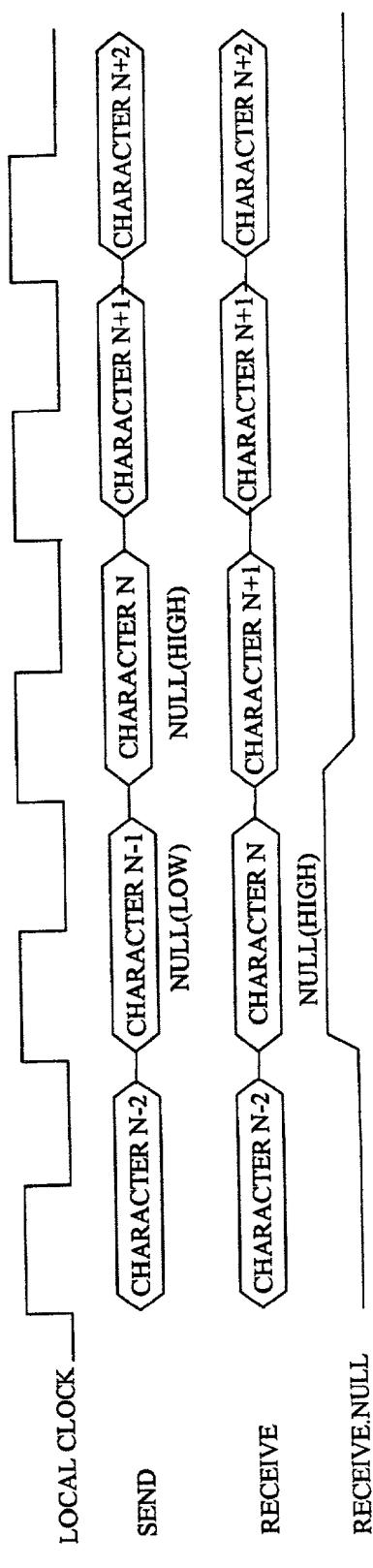


Fig. 49B